ANNUAL REPORT

OF THE

GRANT MEDICAL COLLEGE,

BOMBAY.

EIGHTH YEAR.—SESSION 1853-54.

Bombay:
PRINTED AT THE
BOMBAY EDUCATION SOCIETY'S PRESS.
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ANNUAL REPORT

OF THE

GRANT MEDICAL COLLEGE,

BOMBAY.

EIGHTH YEAR.—SESSION 1853-54.

ESTABLISHMENT OF PROFESSORS DURING THE SESSION.

Principal, and Professor of the Institutes and Practice of Medicine	C. MOREHEAD, M.D.
Professor of Anatomy and Surgery	J. PEET, Esq. (Absent on sick certificate.) Returned March 4th, 1854.
Acting ditto	G. R. BALLINGALL, M.D.
Professor of Chemistry and Materia Medica	H. GIRAUD, M.D.
Professor of Midwifery	R. PEELE, Esq. (Absent on sick certificate.)
Acting ditto	W. C. COLES, M.D.
Professor of Medical Jurisprudence.....	W. C. COLES, M.D.
Curator of the Museum	G. R. BALLINGALL, M.D.

Opening of the Session.

1. THE Eighth Session of the College was opened on the 15th of June 1853. The Introductory Address on the occasion was delivered by the Principal of the College.

2. Shortly before the commencement of the Session, Dr. Watson, the Curator of the Museum, was from failing health under the necessity of resigning his duties and proceeding to Europe on sick certificate. Dr. Ballingall was appointed his successor in the charge of the Museum. Early in the month of March last Mr. Peet returned from sick leave, and resumed his appointment of Professor of Anatomy and Surgery, the duties of which had, during his absence, been performed with ability by Dr. Ballingall.

Changes in the Professors.

3. At the close of the month of April 1853, twelve Candidates for admission into the College were examined: of these eight were found qualified.

Admission of Students.

4. Twenty-seven Students, twenty-eight Student Apprentices, and ten Warrant Officers and Hospital Assistants,—in all sixty-five Pupils,—have attended the College for instruction during the Session.

Attendance of Students.

5. The courses of Lectures, and the general system of education, have been conducted in the manner which has already been so fully detailed in former Reports, and which it is unnecessary at present again to describe.

Lectures.

6. Seven Students presented themselves for First Examination Certificates: of these five were found qualified, viz. A. M. Continho, Cooverjee Dorabjee, Burjorjee Ardaseer, and Dheerajeeram Dulpatram.

Diploma Examination.

7. The final examination has been conducted by Dr.

McLennan, the Government Examiner; Mr. Stovell, Dr. Arbuckle, and Dr. Campbell, Government Assessors.

Five Candidates presented themselves for examination, and four of them were found qualified :—

Ruttonjee Hormusjee.	Moreshwar Junardhan.
Shamrao Narayen.	Balchristna Saccaram.

Award of Scholarships.

8. Scholarships have been awarded to the following Students :— A. M. Continho, M. A. Misquita, Rustomjee Merwanjee, Cowasjee Nowrojee, Cursetjee Framjee, Jumnadass Hurgovindass, A. P. D. Andrade, and Rustomjee Cowasjee. The Sir Jamsetjee Jejeebhoy Medical Prize was awarded by the Government Examiner to Ruttonjee Hormusjee.

Warrant Medical Officers.

9. Nine Warrant Medical Officers and Hospital Assistants have been examined; to eight of them the Certificate of Qualification for promotion to the grade of Apothecary has been granted, viz :—

Mr. Anderson, } Hospital Stewards.
Mr. Wilson, }

Mr. Hudson, }
Mr. Thompson, }
Mr. Brooks, } Assistant Apothecaries.
Mr. Douglas, }
Mr. Rozario, }

Mr. Francis St. Francis, 1st Hospital Assistant.

Student Apprentices.

10. Five Student Apprentices have been examined for Certificate of Qualification; of these four were successful :—

Vincent De Souza.	P. Drumm.
E. Heffernan.	J. Sinclair.

Burnes Medal.

The Burnes Medal, presented by the Masonic Brethren of Bombay, has been awarded to V. DeSouza.

Physician General's Prizes.

11. Four Prizes were placed at the disposal of the College by the Physician General, for the encouragement and reward of the Student Apprentices, and of the best Candidates on admission. These Prizes have been awarded to J. Kinlock, J. Silvester, Dhunjeebhoy Cowasjee, and P. Grogan. The last named Apprentice received the Prize for his qualifications at the examination for admission into the College. He is now no longer in the Medical Department of the Service.

Warrant Medical Officers' Prizes.

12. In January last, a letter was received from the Warrant Medical Officers at the Presidency, expressing their wish to present Prizes to the two best Second Year Student Apprentices. This is the second occasion on which the Warrant Medical Officers at the Presidency have, by their considerate liberality, evinced a praiseworthy desire to encourage the development of industrious habits in the juniors of their department.

These Prizes have been awarded to H. Washington and S. Cavenagh: the merits of these two Student Apprentices are so equal that the Examiners have been unable to give the preference to either.

Willoughby Prize.

13. The Willoughby Prize was again opened for competition to the Graduates of the College on the same terms as those formerly notified. It is with great regret that I have a second time to report that no competitors for this Prize have appeared.

14. The completion and suitableness of the Lying-in Hospital have been already reported. During the Session several admissions of interest and importance have taken place, but as yet the numbers have been few.

Sir Jamsetjee Jejeebhoy Obstetric Institution.

There is, however, every reason to hope, that in the course of time, as the existence and advantages of this important adjunct to the Hospital become better known to the community, it will be more freely and frequently resorted to.

15. To the attention of the Medical Officers in different parts of the Presidency the Museum is indebted for several valuable contributions. It is with much satisfaction that intelligence has lately been received by us, that a portion of the wax models sanctioned by the Honorable Court of Directors has left England, and may be expected here before the opening of the next Session. These models are duplicates of part of the celebrated collection in the Museum of Guy's Hospital—a collection formed by the ability, ingenuity, and taste of Mr. Towne. This gentleman is at present earnestly engaged in reproducing the most useful of the beautiful specimens of his art for the Museums of the three Indian Medical Colleges.

Museum.

16. In the Report of the College for the Session 1847-48 notice was taken of the advantage that would result to the departments of Materia Medica and Botany by the well-arranged cultivation of a part of the College compound.

College Compound.

This suggestion did not at the time meet with the approval of Government; but I would again venture to propose it for consideration, on the additional grounds that

the College has now nearly assumed the form of a perfectly organized Medical School; that this addition may be effected at a small cost; that it will provide illustrations for instruction in Botany for the other educational institutions of the Presidency; and that it will tend to improve and refine the general tastes of the Students.

Grant College Medical Society.

17. The proceedings of the Grant College Medical Society continue to be conducted with spirit and success. The meetings have regularly taken place, and the Medical Book Club formed in connection with the Society gives its Members the opportunity of keeping pace with the discoveries and improvements in Medical Science in Europe and other countries. The attention of the Society has been called by the Medical Board to the limited extent to which Vaccination is practised in Bombay, and the co-operation of the Members in furtherance of this most important sanitary measure was solicited. The subject was taken into immediate consideration. The Graduates of the College at present resident in Bombay willingly assented to use their best endeavours to establish places of Vaccination in different populous parts of the Native Town. A detailed system of operations was arranged, the particulars of which will be found in the Appendix to this Report.

Difficulties have been experienced in reducing this system to practice, and little good has been as yet achieved. Still I encourage the sanguine hope that the Graduates of the College are so impressed with the importance of Vaccination to the welfare of their countrymen, that the difficulties which have arisen will serve merely to strengthen their energy, and quicken their zeal.

18. To complete the establishment of the College, two additional Professorships are required—one of Anatomy and Physiology, the other of Materia Medica.

Professors of Anatomy and Materia Medica.

These appointments have been recommended by the Government of India, and it is to be hoped that the sanction of the Honorable Court may be received before the commencement of another Session.

The College will then be organized in accordance with the requirements of the examining Boards of the United Kingdom, and we may anticipate that its courses of Lectures will be recognized by them.

19. It is useful from time to time to bring before our minds the objects had in view in the formation of our Institutions, and to note to what extent they have been realized.

Remarks on the objects of the College.

It is well known that the leading idea in the mind of the distinguished Founder of this College was to give to the people of Western India a practically and well-trained body of Medical Practitioners, who, by the skilful and conscientious exercise of their art, would so recommend themselves to their countrymen, as in time to take the place of the Hakeems and Weids, who, from want of adequate education, must necessarily be incompetent to exercise the healing art with safety and success.

Education of Native Medical Practitioners.

The College has now been eight years in active operation; but it is only during the last four that it has been in that degree of maturity which admitted of its yielding

practical results. During these four years twenty Graduates have received the Diploma of the College; two have been finally rejected as unqualified.

Of the Graduates one has died; of the remaining nineteen, nine are engaged in private practice in the Town of Bombay. It is known to me on good authority that all these young Medical men are realizing incomes equal to their reasonable expectations, and greater in amount than they would have received had they accepted or continued in the service of Government as Sub-Assistant Surgeons.

I have reason further to believe that the *practice* which they have gained has been lost by those classes of irregular Practitioners of different castes, the evils of whose incompetency it was the object of this College to remove. Thus, then, there is no avoiding the conclusion that the object which Sir Robert Grant had in view has, as regards the populous town of Bombay, been in the short space of four years in a great measure achieved.

But the ameliorating influence of this Institution was not to be confined within the limits of this island, but was to be made operative over the whole extent of the Presidency.

This end, however, will be gained by a slower process. The inhabitants of the large towns in the interior are not as yet familiar with the advantages of the art of Medicine as practised by educated men.

The Government, aware of this, have sanctioned schemes of dispensary relief for the district towns.

These institutions are to be under the charge of Graduates of the College, under the title of Sub-Assistant Surgeons: they, by gratuitous advice and medicines given to the poorer classes who resort to the dispensary, will have the opportunity of gradually familiarizing all classes of the

community with the usefulness of the art which they exercise, and by their residence in the town they will be in a position to give their assistance to those better classes of the people who are able and willing to pay for Medical attendance. Such is the occupation in view for the ten remaining Graduates who have accepted Sub-Assistant Surgeoncies, and for those who in future may join the list.

As yet there has been little progress made in introducing, in the manner which has just been explained, a scientific system of Medical practice into the towns of the interior of this Presidency. Yet a very little reflection must lead to the conclusion that the improved means of internal communication which are contemplated, or are in active progress, must at no remote period so enlarge the intelligence and enterprise of the inhabitants of the chief district towns, as to produce a desire for the advantages and comforts of more civilized communities; and thus a knowledge of the benefits resulting from a scientific art of medicine, and a demand for its exercise, will probably arise in the interior towns of this Presidency, at a period much earlier than a few years ago could possibly have been anticipated.

Improvement of the Government Subordinate Medical Establishment.

20. Such, then, was the object for which this College was established, and the extent to which it has been realized. But the usefulness of the College has not been confined to this object alone. The Government maintains a Subordinate Medical Establishment, for the performance of duties in the Military, Naval, and Civil departments of the public service. The judicious training of the members of this establishment is of much importance, as regards their usefulness and efficiency. Rules have been lately framed by the Medical Board for

the education and examination in this College of the European branch of the Subordinate Medical Department. During the last three years, about thirty pupils of this class have been annually borne on the rolls, and the Certificate of Qualification for promotion to the higher grades of the department has, after adequate examination, been given to twenty-seven individuals.

Importance of Clinical Instruction.

21. There are still some observations which seem to me of interest, not only to this College, but to Medical education in general, which I am desirous of recording before bringing this Report to a close.

In the Appendix to the last Report of the College, a detailed statement was given of the system of Clinical instruction and examination followed in this Institution.

This course was adopted with the view of placing distinctly on record the details of a most important department of Medical education. The hope was also entertained, that it might be of use to the Medical Schools in Great Britain and other countries, in many of which Clinical instruction is undoubtedly defective.

It is true that the system of education followed in the Indian Medical Colleges is based on that of the Medical Schools of Europe; but there is one fact which should be always borne in mind—it is that the Profession of Medicine, and the institutions which relate to it, have existed for many years in European countries, and that the laws by which they are governed, and the rules by which they are regulated, are characterized more or less by the imperfections of a less enlightened age. We, therefore, who are here engaged in introducing the Profession of Medicine

into a new country, ought to be careful that our veneration for the time-honoured institutions of our native land does not lead us to copy their defects as well as their excellences.

Impressed by reflections of this kind, it has always seemed to me that they who have been entrusted with the introduction of Medical education into India do not rightly estimate their position, if they are satisfied with a servile imitation of the systems at present followed in European schools, or if they evince any hesitation in the expression of independent opinion, which opportunities and experience may have enabled them to form, and entitled them to entertain.

And now I would observe, that success cannot be said to attend the efforts made by the Indian Government to establish Medical education, unless the Graduates, on leaving the schools, are qualified for the safe and successful practice of Medicine and Surgery. If they are so, they will in a reasonable time acquire the confidence of the community, and be preferred to irregular and unqualified practitioners. This is the true test of the efficiency or not of the system of instruction followed in our Indian Medical Schools.

It was the object of my Report on the Clinical system of this College to show that the possession or not of this ability, on the part of our Graduates, to practise Medicine, must be contingent on the efficiency of the Clinical system of instruction; and that the only way in which its possession can be proved is the test of an adequate Clinical examination.

It cannot be too frequently inculcated, more particularly on the non-professional public, that the mind may be stored with facts of chemistry, anatomy, physiology, and materia medica, and yet be a perfect blank as regards that kind of

knowledge which fits for the safe practice of the art of healing. This fitness can only be acquired by actual patient continuous observation of disease, and of the action of remedies at the bed-side of the sick, and by applying there, in their proper place and order, the necessary facts previously acquired of the elementary branches of Medical science which have just been named. It is to this that the term Clinical instruction is applied. Upon the manner in which it is conducted, the usefulness and efficiency of a Medical School mainly depend.

It has been already observed that Medical Schools in Europe are frequently defective in this important part of education; yet there are very many excellent practitioners of Medicine in these countries. The truth is, that they acquire their practical knowledge, not by the Clinical training of teachers, but by self Clinical education, either when students, or after they have left the Schools, and been pronounced qualified to practise Medicine. Now the question may, perhaps, be asked—May we here not be satisfied with the same defective system, and trust to after self-education to make up for the imperfections of scholastic training? Most assuredly not. In an introductory lecture at the opening of the Session, I ventured to express very freely my belief that the young men, natives of this country, educated at our Schools and Colleges, had as yet no appreciation of the importance of after self-education in the formation of character, in the development of the mind, and the fitting it for the useful exercise of its faculties in the affairs of life: that the general idea was, that with School or College education *ended*.

That with the lapse of time, with the extension of education, and other means of civilization and enlightenment,

delusions such as these will pass away, and a future will come when they shall have been thoroughly dispelled, is a proposition, I apprehend, which may be safely maintained. But in our present educational system we must take the Native mind as we at present find it, and take care that the knowledge we impart in our institutions is useful and practical, fit and sufficient for immediate application to the affairs of life; and that we place no reliance on the expectation that the defects of our Schools may be remedied by the spontaneous efforts of the matured minds of our students.

For reasons such as these, a defective system of Clinical instruction, a great imperfection in any School, must necessarily be fatal to the success and efficiency of an Indian Medical College.

22. This remark brings me to the concluding observations which I am desirous of making.

For the efficiency of Medical Schools, it is necessary that the numbers do not exceed the Clinical means.

Clinical instruction must be conducted in the wards of an hospital. There must be always, then, a relation between the size of an hospital and the number of pupils which it is capable of adequately instructing. If this number be much exceeded, then the efficiency of the Clinical system, and of necessity of the Medical School, must begin to decline.

Such, however, I apprehend, is not the popular idea, nor that generally entertained by the high authorities who control and regulate the Medical Colleges of India.

They, if I mistake not, would judge *that* School to be the most successful and the most efficient which showed the greatest number of students on its rolls. But if there be any truth in my firm belief that the efficiency of a Medical School is dependent on the efficiency of its Clinical system,

and if such system be of the nature I have elsewhere fully explained, then the opinion that numbers are the evidence of success and efficiency is a very serious error.

The true test of the efficiency of a Medical School is the just relation being observed between the number of the students and the Clinical means, and the rightful use of these means. So soon as this relation is deranged on the side of excess of numbers, the School must necessarily *begin* to decline.

And now, in conclusion, I would endeavour to apply these principles to this College.

The number of regular students has never been equal to its Clinical means—they have never exceeded thirty: my belief is that the Clinical means of this School are sufficient for a roll of fifty students. This number would give ten admissions and ten Graduates annually, and thirty students in attendance in the Clinical wards.

If these numbers at any time become much increased, and the Clinical means remain as at present, I venture with much confidence to express a very firm conviction, that from that time the efficiency and usefulness of the School will begin very sensibly to decline, and that the object of its institution, viz. the giving to the people of this Presidency a class of truly, not merely *nominally* qualified Medical practitioners, will soon cease to be realized.

My observations are now ended. Many of them may seem out of place in an official Report; yet it is impossible for those who are connected with Medical education in India not to feel that they are entrusted with the conduct of a subject, with the principles and details of which the controlling Government must necessarily be imperfectly acquainted, and that therefore they are not true to their

trust if they hesitate in frankly avowing those opinions to which they have arrived after some experience, and careful consideration and reflection.

Sentiments such as these are the only apology I have to offer for the length to which my remarks have extended, and for the freedom with which they have been stated.

23. The usual Appendices, embodying all important details relative to the proceedings of the Session, are annexed to the Report.

Appendix.

C. MOREHEAD, M.D.,
Principal, Grant Medical College.

Bombay, April 1854.

APPENDICES

TO THE

ANNUAL REPORT OF THE GRANT MEDICAL COLLEGE.

EIGHTH YEAR.—SESSION 1853-54.

APPENDIX A.

List of Candidates for Admission as Students into the Grant Medical College, with the Result of the Examination held on the 30th April 1853.

No.	Names.	Caste.	School where Educated.	Qualified or not.	Remarks.
1	Jumnadas Hergovindas ..	Bania.	Elphinstone Institution	Qualified.	
2	Luxoomon Moreshwar, Shastri.....	Bramin.....	Poona College		
3	Vishnoo Purushram Shastri, Pundit	*Do.*	*Ditto*		
4	Bhikajee Amroot.....	Do.	Ditto		
5	Wamun Wasoodave Bhiday	Do.	Ditto		
6	Rustomjee Cowa-jee	Parsee	Educated by Mr. Green		
7	Sorabjee Jahangeerjee....	Do.	Elphinstone Institution		
8	A. P. D. Andrade	Portuguese	Free Church Institution....		
9	Dahayabhai Tribuvandass.	Bania	Elphinstone Institution	Not Qualified.	
10	Baljee Crustnath	Purbhoo	Ditto ditto		
11	Pestonjee Muncherjee.....	Parsee	Parsee Benevolent Institution		
12	Pestonjee Shapoorjee	Do.	Elphinstone Institution		

C. Morehead,
Principal, Grant Medical College.

APPENDIX B.

List of Students in Attendance in the Grant Medical College during the Session 1853-54.

No.	Names.	Caste.	Age on Admission	Native Town.	In what School Educated.	Date of Admission.	Remarks.
	Free.						
1	Shamrao Narayen	Purbhoo	16	Bombay.	Elphinstone Institution..	15th June 1847.	Now a Graduate.
2	Pulonjee Pestonjee	Parsee	17	Ditto ..	Ditto ..	15th June 1848.	Rejected.
3	Balkristna Sukharam	Pul-ya	16	Ditto ..	Ditto ..	Ditto.	Now a Graduate.
4	Moreshwar Junardun	Ditto	16	Ditto ..	Ditto ..	15th June 1849.	Do. do.
5	Henry Horne	Portuguese ..	16	Ditto ..	Mr. Boswell's School....	15th June 1850.	
6	Bartholomew Vas	Ditto	17	Ditto ..	Free Church Institution .	15th June 1851.	Withdrawn.
	Stipendiary.						
7	Ruttonjee Hormosjee	Parsee	18	Surat ..	Surat G. E. School	15th June 1849.	Now a Graduate.
8	Balla Gopall.....	Brahmin / Convert ..	18	Poona ..	Free Church Institution .	Ditto.	Dead.
9	M. A. Misquitta	Portuguese ..	19	Bombay.	Elphinstone Institution..	Ditto.	
10	Hormusjee Bazunjee	Parsee	18	Ditto ..	Ditto ..	15th June 1850.	
11	Rustomjee Merwanjee.....	Ditto	19	Ditto ..	Ditto ..	Ditto.	

No.	Names.	Caste.	Age on Admission.	Native Town.	In what School Educated.	Date of Admission.	Remarks.
12	Deernjram Dulputram	Kayust	19	Surat ..	Surat G. E. School	15th June 1851.	
13	Angelino De Souza	Portuguese ..	19	Bombay.	Elphinstone Institution..	Ditto.	
14	Antonio M. C. Continho....	Ditto ..	19	Goa	Free Church Institution .	Ditto.	
15	Cooverjee Dorabjee.....	Parsee	18	Bombay.	Elphinstone Institution..	Ditto.	
16	Burjorjee Arduseer	Ditto	16	Ditto ..	Ditto ..	Ditto.	
17	Bazunjee Rustomjee	Ditto	18	Ditto ..	Ditto ..	15th June 1852.	
18	Cursetjee Framjee	Ditto	16	Ditto ..	Ditto ..	Ditto.	
19	Cowasjee Nowrojee.....	Ditto	19	Ditto ..	Parsee B. Institution....	Ditto.	
20	Jumnadas Hurgovindas	Baula.....	18	Surat ..	Elphinstone Institution..	15th June 1853.	
21	Luxoomon Moreshwar, Shastri	Bramin	21	Waie ..	Poona College	Ditto.	Resigned.
22	Vishnoo Purushram Shastri, Pundit	Ditto	21	Sattara .	Ditto	Ditto.	Ditto.
23	Bhikajee Amroot.....	Ditto	18	Ankloas .	Ditto	Ditto.	
24	Wamon Wasoodave Bhiday .	Ditto	18	Poona ..	Ditto	Ditto.	
25	Rustomjee Cowasjee	Parsee	21	Surat ..	Educated by Mr. Green .	Ditto.	
26	Sorabjee Jahangeerjee.....	Ditto	17	Ditto ..	Elphinstone Institution..	Ditto.	
27	A. P. D. Andrade	Portuguese ..	20	Goa	Free Church Institution .	Ditto.	

C. Morehead,

Principal, Grant Medical College.

APPENDIX C.

GRANT MEDICAL COLLEGE.

SESSION 1853-54.

SUMMER TERM.

From 15th June to 1st November.

LECTURES.

On Wednesday the 15th June, the Introductory Lecture will be delivered by Dr. C. Morehead, at 12 o'clock.

ANATOMY. *Dr. G. Ballingall*	Monday .... Wednesday .. Saturday	at 1 P. M.
CHEMISTRY. *Dr. H. Giraud*	Tuesday .... Thursday....	at 12 o'clock.
PHYSIOLOGY. *Dr. C. Morehead*	Tuesday	at 2 P. M.
MATERIA MEDICA AND BOTANY. *Dr. H. Giraud*	Monday .... Wednesday ..	at 12 o'clock.
PRINCIPLES AND PRACTICE OF MEDICINE. *Dr. C. Morehead*	Monday .... Wednesday .. Friday	at 2 P. M.
SURGERY. *Dr. G. Ballingall*	Tuesday ..... Friday	at 1 P. M.
MIDWIFERY. *Dr. W. C. Coles*.....	Tuesday ..... Thursday....	at 3 P. M.
MEDICAL JURISPRUDENCE. *Dr. W. C. Coles*.....	Monday .... Wednesday ...	at 3 P. M.
CLINICAL SURGERY. *Dr. G. Ballingall*	Tuesday	at 11 A. M.
CLINICAL MEDICINE. *Dr. C. Morehead*	Thursday.....	at 11 A. M.

PRACTICAL CHEMISTRY.

Dr. H. Giraud ..... Friday..... from 11 to 1 o'clock.

OPERATIVE SURGERY.

Dr. G. Ballingall ..... Thursday..... at 12 o'clock.

HOSPITAL ATTENDANCE.

Clinical Medical Ward	Daily, at 7 A. M.
Clinical Surgical Ward	do. at 8 A. M.
Clinical Midwifery Ward	do. at 4 P. M.
Dispensary Practice	do. at 8 A. M.

The 1st and 2nd Year Students will attend the Hospital daily, at 7 A. M., in rotation, for periods of two months, and will be engaged in compounding and dispensing Medicines.

EXAMINATIONS.

ANATOMY	Thursday, at 1 P. M.
CHEMISTRY	Saturday, at 11 A. M.
MATERIA MEDICA	Saturday, at 3 P. M.
PHYSIOLOGY.....	Thursday, at 2 P. M.
SURGERY	Saturday, at 12 o'clock.
MEDICINE	Saturday, at 2 P. M.
MEDICAL JURISPRUDENCE...	Friday, at 3 P. M.
MIDWIFERY	Saturday, at 3 P. M.

In addition to the regular Examinations by the Professors, in *Anatomy* and *Physiology*, *Chemistry*, and *Materia Medica*, Examinations will be held in *Chemistry* at 11 A. M., on Mondays, Wednesdays, and Fridays; in *Materia Medica* at 11 A. M., on Tuesdays and Thursdays; in *Anatomy* at 3 P. M., on Tuesdays, Thursdays, and Saturdays; and in *Physiology* at 3 P. M., on Mondays and Wednesdays.

During the hours when not engaged in the Lecture-room, the Students will be occupied in reading and note-taking in the Reading-room.

WINTER TERM.

From 1st November to 15th March.

The Lectures and Examinations will be on the same days and hours as during the *Summer Term*.

PRACTICAL ANATOMY.

The Dissecting Season will be from the 1st November to the

15th of March, and the Professor of Anatomy will, at its commencement, lay down rules relative to the hours of attendance of the different Classes of Students.

ROLL-CALLS.

The College hours are from 10 A. M. to 4 P. M. A Roll-call will take place before the commencement of each Lecture and Examination, as well as in the Clinical Wards.

From the 15th March to the 15th April the Examinations will be held for Diplomas, Honors, and the classification of the Students.

Order of the Lectures and Examinations during the day.

	11 to 12 A. M.	12 to 1 P. M.	1 to 2 P. M.	2 to 3 P. M.	3 to 4 P. M.
MONDAY.	*Examination Chemistry.*	Materia Medica.	Anatomy.	Medicine.	Medical Jurisprudence. *Examination Physiology.*
TUESDAY.	Clinical Surgery. *Examination Materia Medica.*	Chemistry.	Surgery.	Physiology.	Midwifery. *Examination Anatomy.*
WEDNESDAY	*Examination Chemistry.*	Materia Medica.	Anatomy.	Medicine.	Medical Jurisprudence. *Examination Physiology.*
THURSDAY.	Clinical Medicine. *Examination Materia Medica*	Chemistry. Operative Surgery.	Examination Anatomy.	Examination Physiology.	Midwifery. *Examination Anatomy.*
FRIDAY.	Practical Chemistry. *Examination Chemistry.*	Practical Chemistry.	Surgery.	Medicine.	Examination Medical Jurisprudence.
SATURDAY.	Examination Chemistry.	Examination Surgery.	Anatomy.	Examination Medicine.	Examination Midwifery. Examination Materia Medica. *Examination Anatomy.*

C. MOREHEAD,

10th June 1853. Principal, Grant Medical College.

APPENDIX D.

Abstract of Roll-calls of Students for the Session 1853-54.

Names.	Absent.	Leave.	Sick.	Total.	No. of Roll Calls.
Shamrao Narayen	...	11	74	85	
Palonjee Pestonjee	13	39	56	108	
Balkristna Succaram	8	35	22	65	
Ruttonjee Hormusjee	...	10	...	10	
Moreshwar Junardun	1	55	53	109	978
M. A. Misquitta	...	4	...	4	
Rustomjee Merwanjee	1	3	139	143	
Hormusjee Bazunjee	11	14	41	66	
Henry Horne	19	6	146	171	
A. M. Continho	...	2	12	14	
Cooverjee Dorabjee	35	36	247	318	
Burjorjee Ardaseer	1	13	6	20	1136
A. de Souza	25	6	146	177	
Dheerajram Dulputram	...	7	1	8	
Bazunjee Rustomjee	...	5	74	79	
Cowasjee Nowrojee	1	13	35	49	765
Cursetjee Framjee	2	4	4	10	
Jumnadas Hurgovundas	9	6	26	41	
Bhikajee Amroot	14	21	19	54	
Wamon Wasoodave	9	11	31	51	658
Rustomjee Cowasjee	...	3	...	3	
Sorabjee Jahangeerjee	2	4	49	55	
A. P. D. Andrade	...	4	...	4	

C. MOREHEAD,
Principal, Grant Medical College.

APPENDIX E.

Return of Student Apprentices who have attended the College during the Session 1853-54.

No.	NAMES.	Age at Admission.	Date of joining the College.	REMARKS.
1	James Sinclair	18	7th August 1850	Received Certificate of Qualification.
2	Vincent de Souza	21	June 1851	Ditto ditto.
3	Edward Hefferuan	18	„ „	Ditto ditto.
4	Patrick Drumm	18	„ „	Ditto ditto.
5	C. F. Lewis	22	„ „	
6	Daniel Oneil	22	15th June 1852	
7	Charles Stephens	20	„ „	
8	Henry Washington	19	„ „	
9	Francis Pinto	20	„ „	
10	Amerine Vere	20	„ „	Discharged from the Service.
11	John Johnstone	18	8th July 1852	Dead.
12	Sylvester Cavanagh	18	1st Sept. 1852	
13	Pandoo Chowan	22	15th June 1853	
14	Patrick Grogan	17	„ „	Discharged from the Service.
15	Dhunjeebhoy Cowasjee	20	„ „	

No.	Names.	Age at Admission.	Date of joining the College.	Remarks.
16	William Wilson	16	15th June 1853	
17	William Duggan	17	,, ,,	
18	J. M. O'Brian	16	,, ,,	
19	Joaquin Silvester	18	,, ,,	
20	A. Burn	20	,, ,,	Discharged from the Service.
21	James Kinlock	19	,, ,,	
22	Joseph Neil	19	,, ,,	
23	Edward McGeoch	17	,, ,,	
24	R. L. McLean	19	,, ,,	
25	Andrew Collins	17	,, ,,	
26	J. H. Bedford	16	,, ,,	
27	George Lloyd	19	,, ,,	
28	Ellapah Lingoo	17	28th June 1853	

C. Morehead,
Principal, Grant Medical College.

APPENDIX F.

Abstract of Roll-calls of Student Apprentices for the Session 1853-54.

Names.	Absent.	Leave.	Sick.	Total.	No. of Roll-calls.
J. Sinclair	18	11	32	61	
P. Drumm	..	3	134	137	
V. de Souza	..	...	..	..	978
E. Heffernan	..	7	150	157	
C. F. Lewis	..	27	4	31	
H. Washington	1	1	8	10	
S. Cavanagh	1	..	159	160	
F. Pinto	..	..	246	246	1116
C. Stephens	33	3	330	366	
D. Oneil	21	..	362	383	
Pandoo Chowan	..	..	..	..	
Dhunjeebhoy Cowasjee	..	12	..	12	
W. Wilson	21	..	35	56	
W. Duggan	31	38	38	107	
J. M. O'Brian	45	13	89	147	
J. Silvester	1	..	..	1	
J. Kinlock	...	..	2	2	583
J. Neil	20	6	116	142	
E. McGeoch	10	11	3	24	
R. L. McLean	11	11	91	113	
A. Collins	17	3	4	24	
J. H. Bedford	6	7	27	40	
G. Lloyd	74	25	120	219	
Ellapah Lingoo	2	1	6	9	

C. Morehead,
Principal, Grant Medical College.

APPENDIX G.

Return of Warrant Medical Officers and Hospital Assistants who have attended the College during the Session 1853-54.

No.	Names.	Rank.	Date of joining the College.
1	Richard Hudson	Assist. Apothecary.	16th June 1851.
2	Edward Brooks	Ditto.	Ditto.
3	Charles Thompson ..	Ditto.	Ditto.
4	C. R. McMorris	Ditto.	August 1853.
5	William Douglas....	Ditto.	2nd July 1853.
6	Francis St. Francis..	1st Hospital Assist.	16th June 1851.
7	Vincent Amor.....	Ditto.	15th June 1853.
8	J. D. Rozario	2nd Hospital Assist.	15th June 1852.
9	D. J. R. Cunha	Ditto.	Ditto.
10	F. Lobe	Ditto.	15th June 1853.

C. Morehead,
Principal, Grant Medical College.

APPENDIX II.

NUMBERS IN ATTENDANCE IN THE COLLEGE.

Students.

Remained at the close of last Session		19
Admitted at commencement of this Session		8
	Total....	27

Student Apprentices.

Remained at the close of last Session...		12
Admitted at commencement of this Session		16
	Total....	28

Warrant Officers and Hospital Assistants.

Number attending during the Session		10
	Grand Total....	65

C. Morehead,
Principal, Grant Medical College.

APPENDIX I.

Statement of the Numbers attending the several Courses of Lectures.

Anatomy.

Students	16
Warrant Officers and Hospital Assistants	6
Student Apprentices	22
Total.....	44

Chemistry.

Students	11
Warrant Officers and Hospital Assistants	9
Student Apprentices	16
Total.....	36

Materia Medica.

Students	8
Warrant Officers and Hospital Assistants	6
Student Apprentices	16
Total.....	30

Physiology.

Students	8
Warrant Officers and Hospital Assistants	6
Student Apprentices	6
Total.....	20

Principles and Practice of Medicine.

Students	15
Warrant Officers and Hospital Assistants	6
Student Apprentices	11
Total.....	32

Surgery.

Students	15
Warrant Officers and Hospital Assistants	6
Student Apprentices	11
Total.....	32

Midwifery.

Students	10
Warrant Officers and Hospital Assistants	4
Student Apprentices	5
Total.....	19

Medical Jurisprudence.

Students	10
Warrant Officers and Hospital Assistants	4
Student Apprentices	5
Total.....	19

C. Morehead,
Principal, Grant Medical College.

APPENDIX J.

Return of the Sick treated in the Clinical Medical Ward of the Jamsetjee Jejeebhoy Hospital, in the Session 1853-54, *from* 15*th June* 1853 *to* 15*th March* 1854.

Names of Diseases.			Number Admitted.	Number Discharged.	Died.	Total.	Remarks.
Fevers.	Intermittent	Quotidian	16	16	..		
		,, C. Enlarged Spleen	6	6	..		
		,, ,, Bronchitis	3	3	..		
		,, ,, ,, and Enlarged Spleen.	2	2	..		
		,, ,, Phthisis	1	..	1		
		,, Hepatitis, & Enlarged Spleen.	1	1	..		
		Tertian	2	2	..		
		,, formerly Facial Palsy	1	1	..		
		Quartan	1	1	..		
						33	
	Remittent	Simple	4	4	..		
		,, C. Pneumonia	12	8	4		
		,, ,, ,, and Pleuritis	2	2	..		
		,, Enlarged Spleen and Pneumonia.	2	2	..		
		,, Dysentery	1	1	..		
		,, Gastric symptoms	1	1	..		
						22	

Abdominal Diseases	Partial Peritonitis	1	1	..	
	Hepatitis	5	5	..	
	Hepatic Abscess	8	3	5	
	,, C. Pneumonia	1	..	1	
	Jaundice	2	2	..	
	Diarrhœa	1	1	..	
	Dysentery	9	9	..	
	,, C. Facial Palsy	1	1	..	
	Diabetes	3	3	..	
	Bright's Disease	9	6	3	
	Splenic Cachexia	1	1	..	
					41
Thoracic Diseases	Pleurodynia	1	1	..	
	Pneumonia	6	5	1	
	Bronchitis	1	1	..	
	Pleuritis	8	7	1	
	,, C. Bronchitis	2	1	1	
	,, ,, Phthisis	1	1	..	
	Phthisis	22	15	7	
	Asthma and Emphysema	3	2	1	
	Diseases of Heart and Valves (Aortic and Mitral)	7	6	1	
					51
Diseases of the Nervous System	Epilepsy	1	1	..	
	Cerebritis	1	1	..	
	Hemiplegia	2	2	..	
	Facial Palsy	1	1	..	
	,, C. Incomplete Hemiplegia	1	1	..	
	Tetanus (Idiopathic)	1	1	..	
	,, (Traumatic)	2	1	1	
					14
Skin Diseases	Herpes Zoster	1	1	..	
					1

Names of Diseases.		Number Admitted.	Number Discharged.	Died.	Total.	Remarks.
Other Diseases	General Anæmia	2	1	1		
	General Dropsy	3	3	..		
	Ascites	4	3	1		
	Rheumatism	3	3	..		
	Syphilis (Secondary)	1	1	..	13	
Total		175	146	29	175	

C. Morehead,
Professor of Medicine, Grant Medical College.

Note of the Principal Classes of Diseases treated in the Jamsetjee Jejeebhoy Hospital, from 1*st April* 1853 *to* 31*st March* 1854.

Admissions, 4,514. Deaths, 696.

Classes of Diseases.	Admissions.	Deaths.
Fevers	705	37
Eruptive fevers, chiefly small-pox	28	10
Diseases of the liver	74	20
Diseases of the stomach and bowels	615	214
Cholera	169	103
Diseases of the brain	109	16
Dropsies	47	22
Rheumatic affections	307	...
Venereal affections, and diseases of the genital organs	531	30
Abscesses and ulcers	296	5
Wounds and injuries	456	15
Diseases of the lungs	305	85
Diseases of the eye	48	...
Diseases of the skin	220	21
Other diseases, including poisoning by arsenic, datura, opium, and cases of parturition	604	118
Total	4,514	696

C. Morehead,
Principal, Grant Medical College.

Note of the Principal Classes of Diseases treated at the Jamsetjee Jejeebhoy Hospital Dispensary, from 1st April 1853 to the 31st March 1854, arranged according to Sex.

Diseases.	Males.	Females.	Children	Total.
Fevers	1,027	436	510	1,973
Affections of the stomach and bowels	786	346	429	1,561
Affections of the air passages	533	189	328	1,050
Rheumatic affections	790	195	1	986
Venereal affections	1,416	83	...	1,499
Skin diseases	1,358	282	351	1,991
Uterine diseases	...	160	...	160

Total Number treated at the Dispensary, arranged according to Castes and Sex.

Castes.	Males.	Females and Children
Christians	898	263
Mussulmans	3,355	759
Hindoos	4,032	748
Parsees	1,018	749
Children of both sexes under 7 years of age	...	2,320
Total	9,396	4,839
Grand Total	14,235	

C. Morehead,
Principal, Grant Medical College.

APPENDIX K.

Table of Diseases and Injuries treated in the Clinical Surgical Ward, during the Session 1853-54.

Names of Diseases.			Admitted.	Discharged.	Died.	Remarks.
Abscess		Acute	2	2	..	
		Chronic	1	..	1*a*	*a* Died from dysentery.
Contusions			2	2	..	
Diseases of the Bones.		Caries	5	2*b*	1	*b* In one case, amputation of arm performed.
		Exostosis	1	1	..	
		Necrosis	2	2	..	
Diseases of Urinary Organs		Calculus Vesicæ	1	1	..	
		,, of the Prostate.	1	..	1	
		Cystitis, Chronic	1	1	..	
		Urinary Abscess	1	1	..	
Dislocations, (Compound,) Ankle			2	1	1*c*	*c* Amputation of leg performed.
Erysipelas			2	1	1	
Extravasation of Urine			1	1	..	
Fistula in Perineo			1	1	..	
Fistulous opening into Larynx			1	1	..	
Fractures	Simple	Femur	5	5	..	
		Clavicle	2	2	..	
		Ribs	2	2	..	
		Skull	1	1	..	
		Forearm	4	4	..	

Names of Diseases.			Admitted.	Discharged.	Died.	Remarks.
Fractures *(continued)*.	Simple	Arm	2	2	..	
		Jaw	1	1	..	
	Compound	Phalanges of Hand	1	1	..	
		Arm	1	..	1*d*	*d* Amputation at shoulder joint performed.
		Forearm	1	1	..	
		Leg	1	1	..	
Gangrene Senile			1	..	1	
Hæmorrhoids			1	1	..	
Hypertrophy of Scrotum			1	1	..	
Hernia, Strangulated Inguinal			4	2	2	
Onychia			1	1	..	
Prolapsus Ani			1	1	..	
Syphilis, Secondary			1	1	..	
Sprain			1	1	..	
Synoritis			2	2	..	
Tetanus, Traumatic			4	1	3	
Tumores			2	2	..	
Ulcers			5*e*	4	1	*e* In one case result unknown.
Warts			1	1	..	
Wounds	Contused and Lacerated.		24	23	1*f*	*f* Amputation of leg performed, gangrene.
	Incised		3	3	..	
Total			95	81	14	

G. R. Ballingall,
Acting Professor of Surgery.

Table of Capital and Minor Operations performed in the presence of the Students during the Session 1853-54.

Amputation of thigh	1
Ditto of arm	1
Ditto of toe	5
Ditto of fingers	7
Ditto of shoulder joint	1
Ditto of leg	2
Trephining	1
Trachrotomy	1
Ligature of polypus of pharynx	1
Removal of foreign bodies from the ear	5
Ditto of polypus from the nose	2
Restoration of nose	1
Operation of strangulated hernia	2
Slitting fistula in ano	3
Ligature of posterior tibial artery	1
Reducing dislocations	3
Removing foreign bodies from the nose	6
Ditto of stone from the urethra	4
Tapping hydrocele	116
Opening sinuses	2
Slitting prepuce	6
Opening abscess	248
Opening paronychia	23
Removal of sequestrum	5
Removing nail of great toe	4
Ligature of hæmorrhoids	5
Removal of encysted tumours	2
Ditto of tumours	16
Ditto of warts	1
Ditto of foreign bodies from foot	1
Reducing paraphymoses	9
Incisions	4
Dividing cicatrix	2
Extracting teeth	147
Bleeding	18
Cupping	3
Introducing catheters	76
Ditto sounds	4
	739

G. R. Ballingall,
Acting Professor of Surgery.

APPENDIX L.

Obstetric Institution.

Returns of Patients under treatment in the Obstetric Wards since August 1852.

Session 1852-53.

Diseases of Pregnancy.		Parturition.		Castes.		Result to Mothers.		Result to Children.		Sex of Children.	
None.		Natural labours.....	8	Christians. ..	8	Recovered	9	Born alive	8	Males.	4
		Preternatural do. ...	1	Hindoos.	1	Died	..	Born dead	1	Females.	5
		Total..	9	Total..	9	Total..	9	Total..	9	Total..	9

Session 1853-54.

Diseases of Pregnancy.		Parturition.		Castes.		Result to Mothers.		Result to Children.		Sex of Children.	
Abortions	4	Natural labours	8	Christians ...	6	Recovered	21	Born alive	8	Males	7
Retroversion of uterus..	1	Difficult ditto (tedious instrumental).	2	Parsees.	4	Died (case of abortion with dysentery)	1	Born dead	6	Females	7
Other diseases.....	3	Preternatural ditto. (arm cases & turning)	4	Hindoos.. ..	8			Born putrid	4	Unknown. ..	4
				Mussulmans..	4						
Total..	8	Total..	14	Total..	22	Total..	22	Total..	18	Total..	18

W. C. Coles, M. D.,
Acting Professor of Midwifery.

Bombay, 16th April 1854.

APPENDIX M.

Result of First Certificate Examination. Session 1853-54.

No. of Years' Study.	Names.	Anatomy.	Physiology.	Materia Medica.	Chemistry.	Practical Chemistry.	Practical Anatomy.	Remarks.
4	Hormasjee Bazunjee ..	Not Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Not Qualified
4	Henry Horne	Qualified	Do.	Not Qualified	Do.	Do.	Do.	Do.
3	A. M. Continho	Do.	Do.	Qualified	Do.	Do.	Do.	Qualified
3	Cooverjee Dorabjee ..	Do.	Do.	Do.	Do.	Do.	Do.	Do.
3	Burjorjee Ardaseer....	Do.	Do.	Do.	Do.	Do.	Do.	Do.
3	A. De Souza	Not Qualified	Do.	Do.	Do.	Do.	Not Qualified	Not Qualified
3	Dheerajram Dulputram.	Qualified	Do.	Do.	Do.	Do.	Qualified	Qualified

C. Morehead,
Principal, Grant Medical College.

APPENDIX N.

GRANT MEDICAL COLLEGE.

The Annual Examinations at the Grant Medical College will commence on Friday the 10th March, and be conducted in the following manner :—

I.—Examination of Candidates for "First Examination" Certificates.

Friday, 10*th March*.—Practical Anatomy.
Saturday, 11*th*.—Written examination in Anatomy and Physiology.
Monday, 13*th*.—Written examination in Chemistry.
Tuesday, 14*th*.—Oral examination in Anatomy.
Thursday, 16*th*.—Written examination in Materia Medica.
Friday, 17*th*.—Oral examination in Chemistry.
Saturday, 18*th*.—Oral examination in Materia Medica and Botany.
Monday, 20*th*.—Practical Chemistry and Pharmacy.
Tuesday, 21*st*.—Oral examination in Physiology.

II.—Examination of Candidates for the Diploma of Graduate, conducted by the Government Examiner and Assessors.

Wednesday, 22*nd March*.—Operative Surgery.
Saturday, 25*th*.—Written examination in Medicine.
Tuesday, 28*th*.—Oral examination in Medicine.
Wednesday, 29*th*.—Written examination in Surgery.
Friday, 31*st*.—Oral examination in Surgery.
Saturday, 1*st April*.—Written examination in Midwifery.

Tuesday, 4th.—Oral examination in Midwifery.

Wednesday, 5th.—Written examination in Medical Jurisprudence.

Friday, 7th.—Oral and practical examination in Medical Jurisprudence.

Examinations in the Jamsetjee Jejeebhoy Hospital, in Clinical Medicine, and in Clinical Surgery, were commenced in February.

III.—Examination of College Students.

1st and 2nd Year Students.

Friday, 10th March.—Practical Anatomy.

Saturday, 11th.—Written examination in Anatomy and Physiology.

Monday, 13th.—Written examination in Chemistry.

Thursday, 16th.—Written examination in Materia Medica.

Monday, 20th.—Practical Chemistry and Pharmacy.

Saturday, 25th.—Oral examination in Anatomy.

Monday, 27th.—Oral examination in Chemistry.

Wednesday, 29th.—Oral examination in Materia Medica.

Thursday, 30th.—Oral examination in Physiology.

3rd and 4th Year Students.

Saturday, 25th.—Written examination in Medicine and Surgery.

Tuesday, 28th.—Written examination in Medical Jurisprudence.

Wednesday, 29th.—Written examination in Midwifery.

Saturday, 1st April.—Oral examination in Medicine and Surgery.

Wednesday, 5th.—Oral examination in Midwifery and Medical Jurisprudence.

The 3rd Year Students who do not present themselves for examination for "First Examination" Certificates will be examined in Anatomy, Physiology, and Materia Medica with the 2nd Year Students.

IV.—Examination of Student-Apprentices.

1st and 2nd Year Student-Apprentices.

Tuesday, 14th March.—Anatomy and Physiology.

Thursday, 16*th*.—Chemistry and Materia Medica.
Saturday, 1*st April*.—Medicine and Surgery.

3rd Year Student-Apprentices.

Friday, 10*th March*.—Practical Anatomy.
Thursday, 16*th*.—Written examination in Materia Medica.
Monday, 20*th*.—Practical Chemistry and Pharmacy.
Wednesday, 22*nd*.—Operative Surgery.
Saturday, 25*th*.—Oral examination in Anatomy.
Monday, 27*th*.—Oral examination in Chemistry.
Wednesday, 29*th*.—Oral examination in Materia Medica.
Thursday, 30*th*.—Oral examination in Physiology.
Saturday, 1*st April*.—Oral examination in Medicine and Surgery.
Monday, 3*rd*.—Written examination in Medicine and Surgery.
Wednesday, 5*th*.—Oral examination in Midwifery and Medical Jurisprudence.

V.—Examination of Warrant Medical Officers.

Saturday, 25*th March*.—Anatomy and Physiology.
Monday, 27*th*.—Chemistry.
Wednesday, 29*th*.—Materia Medica.
Saturday, 1*st April*.—Medicine and Surgery.
Wednesday, 5*th*.—Midwifery and Medical Jurisprudence.

Hospital Stewards, Assistant Apothecaries, and Native Hospital Assistants, desirous of undergoing the Examination contemplated in the 35th Article of the Government Order dated 2nd April 1851, are requested to give in their names to the Principal before the 20th of March.

From these Examinations will be awarded the *Carnac*, *Farish*, *Anderson*, and *Reid* Scholarships, and the *Sir Jamsetjee Jejeebhoy* Annual Prize to the Students of the College; the *Burnes'* Medal to the best 3rd Year Student-Apprentice; and Prizes of Books by the Physician General, and the Warrant Medical Officers at the Presidency, to the best Junior Student-Apprentices.

The *Willoughby* Medical Prize of Rs. 300 will be awarded in the first week of April. Candidates are referred to the Government Notification dated October 25th 1853.

The Examinations on each day will commence at 11 o'clock A. M., and the attendance of Medical Gentlemen, and others interested in Medical Education, will be acceptable.

JOHN MCLENNAN, M.D.,
Government Examiner.

C. MOREHEAD, M.D.,
Principal, Grant Medical College.

Bombay, March 1st 1854.

APPENDIX O.

FIRST EXAMINATION CERTIFICATES.

Anatomy.

1. Describe the axillary space, as regards situation, extent, shape, and boundaries. Name the parts seen, after the skin and fascia have been removed, on raising the arm, and looking into the space from below.

2. Name the bones which enter into the formation of the wrist-joint. Describe the arrangement of the articular surfaces, and enumerate the ligaments. State the nature of the movements which are permitted by this articulation.

3. Mention the names of the muscles by which the femur is rotated outwards, and describe the origin, insertion, and relations of those external rotators, which arise within the pelvis. Mention, also, the sources from which these muscles receive their vascular and nervous supplies.

John Peet,
Professor of Anatomy.

11*th March* 1854.

Chemistry.

1. Illustrate the law of equivalent combination by an example, and explain it by the atomic hypothesis.

2. Describe the peculiar physical properties of mercury. State its general chemical relations as compared with other metals. Mention the composition of its oxides, and the manner in which they may be formed.

3. Upon what principles does the electro-magnetic machine,

which is used for therapeutic purposes, depend for its action?

4. How would you detect the presence of albumen, of sugar, and of bile in the urine?

HERBERT GIRAUD, M.D.

13th March 1854.

MATERIA MEDICA.

1. Mention some of the best diffusible stimulants; the nature of the cases in which you would administer them; and give formulæ for their administration.

2. The names, the peculiar modes of action, and the uses of the narcotic solaneæ?

3. What are the best mineral and vegetable diuretics, and what are the peculiarities of their several actions? Give some formulæ for their administration.

4. How is quinæ disulphas obtained? What are its general chemical qualities? What adulterations is it liable to? and how may they be detected?

HERBERT GIRAUD, M.D.

16th March 1854.

PHYSIOLOGY.

1. Explain the function of the three divisions of the 8th pair of nerves.

2. Explain the function of the kidney, and its relation to the several parts of the structure of the organ. State the sources from which the urea of the urine proceeds, and the circumstances which lead to its greatest abundance.

C. MOREHEAD.

11th March 1854.

APPENDIX P.

REPORT OF THE FINAL EXAMINATION BY THE GOVERNMENT EXAMINER.

Bombay, 8th April 1854.

To C. J. Erskine, Esquire,
Secretary to Government, General Department.

Sir,

The Final or Diploma Examinations of the Students of the Grant Medical College having terminated yesterday, I have now the honour to submit in duplicate a report of the result, for the information of Government and the Board of Education.

2. In the conduct of this duty I have, as in former years, had the able assistance of Messrs. Stovell, Arbuckle, and Campbell as Assessors, and of the Principal and Professors of the College.

3. In Medicine and Surgery the Clinical examinations have been conducted in the Wards of the Jamsetjee Jejeebhoy Hospital three times a week, during the whole of February and first part of March.

4. On these important subjects, and particularly in Medicine, the Students gave convincing proofs of their admirable training, and of the extraordinary care and systematic fidelity and attention with which they had been instructed.

5. During the course of the Clinical Examinations in Surgery, the cases admitted into Hospital did not chance to have been of that very varied nature which gave scope for as extensive practical acquaintance with the merits of each Student in this branch as in Medicine, but still, during the tour of duty of each as Clinical Clerk or Dresser, I had an opportunity of seeing their practical acquaintance with several kinds of apparatus and

bandaging, dressing, and likewise of viewing their mode of performing the minor operations, such as the lesser amputations, tapping for hydrocele, incising carbuncles, &c. &c.

6. In Surgery in the theatre, each student performed a capital operation, and tied a principal artery, and all acquitted themselves perfectly.

7. The examinations in Medicine, Surgery, Midwifery, the Diseases of Women and Children, and Medical Jurisprudence, written and oral, were conducted on eight separate days; the questions for the written examinations on these subjects are appended, and the oral were conducted as in former years.

8. In Medical Jurisprudence, each student performed three or more analyses of mineral and vegetable matters, and generally their performances were satisfactory.

9. The result of these examinations has been the ascertainment, that of five Candidates who presented themselves, four are qualified for the Diploma, and one has been rejected.

10. The names of the successful Candidates are subjoined in the order of their merit :—

Ruttonjee Hormasjee.
Shamrao Narayen.
Moreshwar Junardhan.
Balkristna Succaram.

The paper marked A contains the results of the various examinations of the Candidates, &c.

11. In conclusion, I beg to submit for the favourable consideration of Government, my respectful recommendation, that to each of these students an appointment of Sub-Assistant Surgeon may be given.

I have the honour to be, Sir,
Your most obedient Servant,

(Signed) JOHN MCLENNAN,
Government Examiner.

A.

Result of Diploma Examination. Session 1853-54.

NAMES.	Clinical Medicine and Surgery.	Medicine.	Surgery.	Operative Surgery.	Midwifery.	Medical Jurisprudence.	REMARKS.
Shamrao Narayen	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	To obtain the Diploma.
Balkristna Succaram ..	Ditto.	Ditto.	Ditto.	Ditto.	Ditto.	Ditto.	Ditto ditto.
Palonjee Pestonjee	Ditto.	Ditto.	Not qfd.	Ditto.	Not qfd.	Ditto.	Rejected.
Ruttonjee Hormusjee ..	Ditto.	Ditto.	Qualified.	Ditto.	Qualified.	Ditto.	To obtain the Diploma.
Moreshwar Junardhan..	Ditto.	Ditto.	Ditto.	Ditto.	Ditto.	Ditto.	Ditto ditto.

(Signed) JOHN MCLENNAN, Government Examiner.

B.

25th March 1854.

On Medicine.

1st.—"Coup-de-Soleil," "Stroke of the Sun." Describe the states to which these synonymous terms have been applied. Explain their differences and pathology, and detail the treatment to be pursued in the different varieties.

2nd.—Indicate derangements or departures from a normal state in the circulating system, and their seats and kinds, which on the one hand would lead to disease in the viscera of the chest, and on the other to disease in the viscera of the abdomen; mentioning the nature of the diseases produced, and the rationale of their production; and, as affects the contents of both cavities, those diseases produced through the arterial, and those through the venous systems.

3rd.—Enumerate the *post-mortem* appearances generally found in acute dysentery. Mention the general indications of treatment, and how they are to be adopted in different stages, forms, and complications of the disease.

4th.—Explain the principles of treatment of remittent fever, both at the periods of exacerbation and remission. In it when are thoracic complications most frequent and most dangerous, and what tissues or parts are generally affected?

5th.—Mention the different means employed to arrest hæmoptysis, and the circumstances in which they are respectively useful.

6th.—Explain the difference as elements of nutrition between what has been termed nitrogenous and non-nitrogenous food. Enumerate the principal alimentary substances comprised under each, and explain why a mixture of both classes is best adapted for the sustenance of the human body.

John McLennan,

Government Examiner.

C.

29th March 1854.

ON SURGERY.

1st.—State the primary and secondary consequences of a wound into a joint, if adhesion of the divided parts does not speedily take place. Describe the treatment of such wound, and its consequences. How do you explain the frequent absence of inflammatory symptoms after excision of a joint, and whence arises the difference of danger between excision of the bones in such a case, and of loose cartilages sometimes contained in a joint?

2nd.—What difference as to frequency of occurrence is there between the different malignant tumours of the mamma and testis? Describe carcinoma in the former, and state what are the diseases occurring in the breast which might be mistaken for it. Under what circumstances might extirpation be recommended?

3rd.—Describe the dangers and difficulties of tracheotomy in the adult and the child.

4th.—Mention the most important symptoms in the second stage of acute purulent ophthalmia, the principal danger to be apprehended, the cause of this danger, the indications in the treatment for its prevention, and the best means for carrying out these indications.

5th.—Describe the course of symptoms, secondary and tertiary, following that form of sore to which the term syphilitic has been applied. Mention generally the required treatment.

6th.—What are the causes of hospital gangrene, and what the most appropriate treatment? How is it disseminated, and what means are to be taken to check its progress in hospitals and camps?

JOHN MCLENNAN,
Government Examiner.

D.

1*st April* 1854.

ON MIDWIFERY, AND DISEASES OF WOMEN AND CHILDREN.

1st.—What are the indications for, and what circumstances are necessary to be attended to, in the operation of turning? Is it ever found to be impracticable or unadvisable to persist in attempts to effect it; and if so, what then is to be done?

2nd.—Explain what has been termed "Hour-glass contraction of the Uterus." With what dangerous conditions is it commonly associated, and what is the treatment?

3rd.—Give the diagnosis between the different pelvic and abdominal inflammations which occur after child-birth. Diagnose the phlebitic consequences of that state. As a phlebitic disease, what is peculiar in phlegmasia dolens?

4th.—Give the diagnosis between croup and laryngismus stridulus. Mention the circumstances on which the prognosis in both diseases is founded, and distinguish the treatment.

5th.—What are the differences in effect, immediate and remote, between general blood-letting in the young child and in the adult?

6th.—Are any teeth contained in the jaw of the child at birth? In what order do the temporary and permanent teeth appear, and when? At what period of life are there most teeth in the jaws? Under what circumstances is the gum-lancet to be resorted to in dentition?

JOHN MCLENNAN,
Government Examiner.

E.

5*th April* 1854.

ON MEDICAL JURISPRUDENCE.

1st.—Describe what is meant by molecular and somatic death. Physiologically what are the different modes of dying? Detail the *post-mortem* appearances which would induce you to deliver

an opinion that death had occurred in one or other of these modes.

2nd.—Describe the different proximate causes of death arising from various vegetable poisons, and the indications of treatment arising from the knowledge of these causes.

3rd.—Detail the diseases which simulate, and may be mistaken for narcotic poisoning, with the differences between them.

4th.—In poisoning by alcohol, how is it supposed to act? What is the treatment? What diseases result from the habitual excessive use of spirituous liquors?

5th.—What are the signs of *recent* and remote delivery in the living and the dead? Beyond what period in the living are the signs of recent delivery likely to be *ambiguous*? In a case of contested legitimacy, is it possible, in respect to delivery at a remote period, to pronounce with certainty that it has or has not occurred?

6th.—Mention the most remarkable differences between insanity in India and in Europe, with reference to cause, age, and sex.

JOHN MCLENNAN,
Government Examiner.

APPENDIX Q.

GRANT MEDICAL COLLEGE.

Notification.

The following Scholarships and Prizes will be open for competition at the close of the Session 1853-54, viz. in the month of April 1854 :—

I.

To the 4th and 3rd Year Students.

A Carnac Scholarship, of Rupees 25 monthly, to the best Anatomist, *Practical and Surgical Anatomy included.*

An Anderson Scholarship, of Rupees 25 monthly, for the greatest proficiency and zeal in the discharge of the duties of Clinical Clerk and Surgical Dresser.

II.

To the 4th Year Students.

An Anderson Scholarship, of Rupees 25 monthly, for the greatest proficiency in, and practical knowledge of, Medicine, Surgery, and Midwifery.

In awarding this Scholarship, much importance will be attached to assiduous and regular attendance in the Clinical Wards, and to efficiency and zeal in the discharge of the duties of Clinical Clerk and Dresser.

III.

To the 3rd and 2nd Year Students.

A Reid Scholarship, of Rupees 20 monthly, for the greatest proficiency in Anatomy and Physiology.

A Farish Scholarship, of Rupees 20 monthly, for the greatest proficiency in Materia Medica and Practical Pharmacy.

IV.

To the 2nd and 1st Year Students.

A CARNAC Scholarship, of Rupees 15 monthly, for the greatest proficiency in Chemistry, both Theoretical and Practical.

V.

To the 1st Year Students.

An ANDERSON Scholarship, of Rupees 15 monthly, for the greatest proficiency in the subjects of study during the Session.

A FARISH Scholarship, of Rupees 10 monthly, for the second degree of proficiency in the subjects of study.

A CARNAC Scholarship, of Rupees 10 monthly, for the greatest practical proficiency in Compounding Medicine.

SIR JAMSETJEE JEJEEBHOY'S Annual Medical Prize, of Rupees 250, to be awarded to that 4th or 5th Year Student, who, having passed his Final Examination, has, in the judgment of the Government Examiner, evinced in the Clinical Wards the greatest practical knowledge of Medicine, Surgery, and Midwifery, and has shown in the Laboratory the greatest practical acquaintance with the Toxicological branch of Medical Jurisprudence.

(Signed) C. MOREHEAD, M.D.,
Principal, Grant Medical College.

Bombay, 20th October 1853.

By order of the Board of Education,
M. STOVELL,
Secretary.

APPENDIX R.

Scholarships and Prizes awarded to the Students of the Grant Medical College at the close of the Session 1853-54.

1. A CARNAC Scholarship, of Rupees 25 monthly, to the best Anatomist, Practical and Surgical Anatomy included, open for competition to the 4th and 3rd year students, to *Mr. A. M. Continho*, a 3rd year student.

2. An ANDERSON Scholarship, of Rupees 25 monthly, for the greatest proficiency and zeal in the discharge of the duties of Clinical Clerk and Dresser, to *Mr. M. A. Misquitta*, 4th year student.

3. An ANDERSON Scholarship, of Rupees 25 monthly, for the greatest proficiency in, and practical knowledge of Medicine, Surgery, and Midwifery, open to 4th year students, to *Rustomjee Merwanjee*.

4. A REID Scholarship, of Rupees 20 monthly, open to 3rd and 2nd year students, for the greatest proficiency in Anatomy and Physiology, to *Mr. Continho*; but as *Mr. Continho* is the successful competitor for the Carnac Scholarship, the pecuniary advantage of this Scholarship will pass to the next in proficiency, *Burjorjee Ardaseer*.

5. A FARISH Scholarship, of Rupees 20 monthly, open to 3rd and 2nd year students, for the greatest proficiency in Materia Medica and Practical Pharmacy, to *Mr. Continho;* but as Mr. Continho is the successful competitor for two other Scholarships, the pecuniary advantage will pass to the next in proficiency, *Cowasjee Nowrojee*.

6. A CARNAC Scholarship, of Rupees 15 monthly, open to

2nd and 1st year students, for the greatest proficiency in Chemistry, both Theoretical and Practical, to *Cursetjee Framjee*, 2nd year student.

7. An ANDERSON Scholarship, of Rupees 15 monthly, open to 1st year students, for the greatest proficiency in the subjects of study during the Session, to *Jumnadas Hurgovindas*.

8. A FARISH Scholarship, of Rupees 10 monthly, for the second degree of proficiency in the subjects of study, to *Mr. A. P. D. Andrade*.

9. A CARNAC Scholarship, of Rupees 10 monthly, for the greatest practical proficiency in Compounding Medicine, to *Rustomjee Cowasjee*.

The SIR JAMSETJEE JEJEEBHOY Annual Medical Prize has been awarded by the Government Examiner to *Ruttonjee Hormusjee*.

C. MOREHEAD,
Principal, Grant Medical College.

APPENDIX S.

Written Questions in Chemistry, Anatomy, and Physiology, to 1st and 2nd Year Students, and in Medicine, Surgery, Midwifery, and Medical Jurisprudence, to 3rd and 4th Year Students.

1st and 2nd Year Students.

Chemistry.

1. Explain why ice in melting cannot have its temperature raised above 32° Fahr.; and why the temperature of water boiling at any given altitude is always the same.

2. State the composition, and the mode of preparation of ammoniacal gas; and explain the differences, in composition and qualities, between ammonia, amidogen, and ammonium.

3. Explain the phenomena that occur in charging and discharging a Leyden jar.

4. What are the changes that occur in the transformation of alcohol into acetic acid? Give the empirical and rational formulæ of both alcohol and acetic acid.

H. Giraud, M.D.

13*th March* 1854.

Anatomy.

1. Name the bones which enter into the formation of the orbit. Describe the inner wall of this space, and any apertures that may be situated in it.

2. Enumerate the bones of the tarsus. Give a full account

of the articulations of the os calcis, and of the ligaments by which this bone is connected with other bones. Name any arteries that may be in relation with it.

3. Describe the extent, course, and relations of the brachial artery.

JOHN PEET,

Professor of Anatomy.

11*th March* 1854.

2ND YEAR STUDENTS.

Physiology.

1. Describe the act of deglutition.

2. Describe the pulmonary circulation of the blood. Explain its object, and its relation to the acts of inspiration and expiration.

C. MOREHEAD.

11*th March* 1854.

2ND AND 3RD YEAR STUDENTS.

Materia Medica.

1. What are the therapeutic properties of chalybeate medicines? Mention some of the most efficacious of them; with the manner in which they are administered, and their doses.

2. How, and from what plant is opium obtained? What is its chemical composition? What are the physiological effects which you would expect to result from the administration of five grains of opium to an adult not habituated to its use?

3. What officinal plants belong to the natural family "Umbilliferæ," and what medical substance is yielded by each of them?

4. How is tartar emetic prepared? What are its physiological actions?

HERBERT GIRAUD, M.D.

16*th March* 1854.

3RD AND 4TH YEAR STUDENTS.

Surgery.

1. Describe the symptoms and treatment of popliteal aneurism.

2. State how you would distinguish between concussion and compression of the brain.

3. The symptoms of strangulated femoral hernia?

JOHN PEET,
Professor of Surgery.

25*th March* 1854.

Medicine.

1. State the symptoms of the 1st stage of pneumonia. Describe the treatment you would adopt, and mention the circumstances that would guide you in the abstraction of blood.

2. What are the causes of remittent fever? Give an account of the mode of commencement and progress of a case of remittent fever, arising from malaria.

3. State the circumstances which contra-indicate the use of mercury in cases where its administration would be otherwise advisable.

C. MOREHEAD,
Professor of Medicine.

25*th March* 1854.

4TH YEAR STUDENTS.

Midwifery.

1. The shape, dimensions, and anatomical peculiarities of the fœtal head at the full period of utero-gestation.

2. How would you know that abortion was threatened, and how would you treat a case occurring in the earlier months of pregnancy?

3. Name those signs of pregnancy which do *not* depend upon the representation of the female supposed to be pregnant, but

which are made sensible to the medical attendant upon careful examination.

4. Describe briefly the progress of natural labours, and distinguished between true and false labour pains.

5. Give an account of the treatment of uterine hæmorrhage before, during, and after labour.

6. State what you know about the most fatal puerperal disease met with in India.

7. A child is born apparently dead—what means would you resort to to resuscitate it?

W. C. Coles, M.D.,
Acting Professor of Midwifery.

29*th March* 1851.

Medical Jurisprudence.

1. What are the duties of medical men with respect to the subject of assurance upon lives?

2. Define a medico-legal wound.

3. In a dead body found suspended by the neck, describe the principal signs with the view of determining whether the individual was hanged during life or after death.

4. Detail the symptoms of poisoning by a large dose of opium. Trace the progress of the case to a fatal termination, should the means adopted not prove efficacious, and state in what those means consist.

5. Describe briefly the most striking *post-mortem* appearances in acute arsenical poisoning.

6. State how you would perform a chemical analysis of the contents of a stomach supposed to contain corrosive sublimate.

W. C. Coles, M.D.,
Professor of Medical Jurisprudence.

28*th March* 1854.

APPENDIX T.

Result of Examination of 1st *Year Students. Session* 1853-54.

Nos.	Names.	Anatomy.	Chemistry.	Pharmacy.	Total.*	Remarks.
1	Jumnadas Hurgovindas	2	1	..	3	
2	A. P. D. Andrade	1	4	..	5	
3	Rustomjee Cowasjee	3	2	1	5	
4	Bhikajee Amroot	4	3	..	7	
5	Wamon Wasoodave	5	5	..	10	
6	Sorabjee Jahangeerjee	6	6	..	12	This student's examination in Anatomy has not been creditable to him.

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

Result of Examination of 2nd *Year Students. Session* 1853-54.

Nos.	Names.	Anatomy.	Physiology.	Chemistry.	Materia Medica.	Total.*	Remarks.
1	Cursetjee Framjee	1	1	1	3	6	
2	Cowasjee Nowrojee	2	2	2	1	7	
3	Bazunjee Rustomjee.....	3	3	3	2	11	

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

Result of Examination of 3rd Year Students. Session 1853-54.

Nos.	Names.	Medicine.	Surgery.	Total.*	Remarks.
1	A. M. C. Continho.....	1	1	2	
2	Burjorjee Ardaseer.....	2	3	5	
3	Dheerajram Dulputram	3	2	5	
4	Cooverjee Dorabjee.....	4	2	6	
5	Angelino de Souza	5	4	9	

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

Result of Examination of 4th Year Students. Session 1853-54.

Nos.	Names.	Medicine.	Surgery.	Midwifery.	Medical Jurisprudence.	Total.*	Remarks.
1	M. A. Misquitta	2	1	3	1	7	
2	Rustomjee Merwanjee.....	2	1	1	3	7	
3	Henry Horne	1	2	2	2	7	
4	Hormusjee Bazunjee	3	3	4	4	14	

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

APPENDIX U.

REPORT TO THE MEDICAL BOARD.

Sir,

I have the honour to report, for the information of the Medical Board, the Result of the Examinations for the Year 1853-54, held by the Principal and Professors of the Grant Medical College, in accordance with the 25th and 35th Articles of the Rules relative to the Subordinate Medical Department, dated 2nd April 1851.

2. The following 3rd Year Student-Apprentices presented themselves for examination :—

Vincent DeSouza.
E. Hefferman.
P. Drumm.
J. Sinclair.
C. F. Lewis.

The result of the examination is recorded in the annexed Tabular Statement marked I.

The appearance by the three first named in all the subjects on which they were examined was highly creditable to them. The Burnes Medal, presented by the Masonic Brethren of Bombay, was awarded to Vincent DeSouza.

The following Hospital Stewards, Assistant Apothecaries, and Native Hospital Assistants, presented themselves for examination :—

Mr. J. Anderson, } Hospital Stewards.
Mr. A. Wilson, }

Mr. R. Hudson, }
Mr. E. Brooks, } Assistant Apothecaries.
Mr. C. Thompson, }
Mr. G. Rozario, }

Mr. Francis St. Francis, First Hospital Assistant.
V. J. R. Cunha, Second Hospital Assistant.

The result of the examination is recorded in the Tabular Statement II.

Mr. W. Douglas, Assistant Apothecary, who has been already reported qualified in Anatomy, Physiology, Materia Medica, Chemistry, Medicine, and Surgery, has this year passed an examination in Midwifery and Medical Jurisprudence, and will receive the Certificate of Qualification.

The First Hospital Assistant and the four Student-Apprentices who by these examinations have become eligible for promotion to the Grade of Assistant Apothecary, rank in the following order :—

Vincent DeSouza.
E. Heffernan.
P. Drumm.
Mr. Francis St. Francis.
J. Sinclair.

I have the honour to be, Sir,
Your most obedient Servant,

C. Morehead,
Principal, Grant Medical College.

Bombay, 13*th April* 1854.

To F. Manisty, Esq.,
Secretary Medical Board, Bombay.

I.

Result of Examination of 3rd Year Student-Apprentices. Session 1853-54.

Names.	Anatomy.	Operative Surgery.	Physiology.	Materia Medica.	Chemistry.	Medicine.	Surgery.	Midwifery.	Medical Jurisprudence.	Remarks.
Vincent DeSouza.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
E. Heffernan	Qualified.	Qualified	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
P. Drimm.....	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
J. Sinclair	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
C. T. Lewis	Not Qualified.	Qualified.	Qualified.	Qualified.	Not Qualified.	Not Qualified.	Qualified.	Not Qualified.	Not Qualified.	Not Qualified.

C. Morehead, Principal, Grant Medical College.

II.

Result of Examination of Hospital Stewards, Assistant Apothecaries, and Hospital Assistants. Session 1853-54.

Names.	Anatomy.	Physiology.	Materia Medica.	Chemistry.	Medicine.	Surgery.	Midwifery.	Medical Jurisprudence.	Remarks.
Joseph Anderson	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
Alexander Wilson	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
Richard Hudson	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
Edward Brooks.....	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
Curri s Thompson	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
G. Rozario.....	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
Francis St. Francis.....	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.	Qualified.
V. J. R. Cunha	Not Qualified.	Not Qualified.	Absent.	Absent.	Absent.	Absent.	Absent.	Absent.	Not Qualified.

C. Morehead, Principal, Grant Medical College.

APPENDIX V.

REPORT TO THE MEDICAL BOARD.

Sir,

I have the honour to transmit, for the information of the Medical Board, Tabular Statements I. and II., exhibiting the Results of the Examination of the 1st and 2nd Year Student-Apprentices.

The following Prizes were, at the opening of the Session, placed at the disposal of the College by the Physician General:—

For the most proficient Candidate for admission as Student-Apprentice:—

1. Quain's Anatomy,
   Fowne's Chemistry.

For the most proficient 1st Year Student-Apprentices:—

2. Watson's Practice of Physic,
   Fergusson's Practical Surgery,
   Taylor's Medical Jurisprudence,
   Kirk's Physiology;
3. Christison's Dispensatory,
   Williams' Principles of Medicine,
   Churchill's Midwifery;
4. Kirk's Physiology,
   Christison's Dispensatory.

The 1st Prize was presented to P. Grogan, the 2nd, 3rd, and 4th Prizes to J. Kinloch, J. Silvester, and Dhunjeebhoy Cowasjee.

In the *month* of January last, two Prizes were placed at the disposal of the College by the Warrant Medical Officers of the Presidency, for the reward and encouragement of the 2nd Year Student-Apprentices. The letter communicating this second instance of praiseworthy liberality on the part of the Warrant

Medical Officers of the Presidency, and my reply thereto, are annexed to this report :—

These Prizes—

1. Watson's Practice of Physic,
   Taylor's Medical Jurisprudence,
   Christison's Dispensatory ;
2. Cooper's First Lines in Surgery,
   Murphy's Midwifery,
   Carpenter's Physiology,
   Wilson's Anatomist's Vade-Mecum,
   Fowne's Chemistry ;

have been presented to H. Washington and S. Cavanagh. The merits of these two Student-Apprentices were equal. The Examiners were unable to prefer the one to the other.

I have the honour to be, Sir,
Your most obedient servant,

C. MOREHEAD,
Principal, Grant Medical College.

Bombay, 13th April 1854.

To F. MANISTY, Esq.,
Secretary Medical Board.

To C. MOREHEAD, Esquire,
Principal, Grant Medical College,
Bombay.

SIR,

The Medical Warrant Officers at the Presidency named in the margin are desirous of awarding a Prize at the termination of the examination in March and April next to the best, or, in case you should consider it capable of being divided, to the two best 2nd Year Student-Apprentices who shall pass through the examinations with the greatest

Apothecary W. Vittors.
" H. Webb.
" T. Blaney.
Steward J. Anderson.
Asst. Apy. J. Leahy.
" Douglas.
" Tatia Muldowjee.
" Bhow Ramjee.
" E. H. Cook.
" W. Conway.
" I. N. Carlos.

credit. I have the pleasure of communicating the wishes of these Warrant Officers that they be permitted to carry out their views, and am desired to intimate that the Prize is to consist of the following works :—

1, Watson's Practice of Physic	1	copy,	2 vols.
2, Cooper's First Lines in Surgery.....	1	„	1 vol.
3, Murphy's Midwifery	1	„	1 „
4, Taylor's Medical Jurisprudence.....	1	„	1 „
5, Christison's Dispensatory	1	„	1 „
6, Carpenter's Physiology	1	„	1 „
7, Wilson's Anatomy	1	„	1 „
8, Fowne's Chemistry.....	1	„	1 „

2. I am directed to add, that should you consider any of the above works objectionable, the Warrant Medical Officers are prepared to exchange them for others more suitable.

I beg to remain, Sir,
Your most obedient Servant,

(Signed) THOMAS BLANEY,
Apothecary, European General Hospital.

Bombay, 20th January 1854.

(True copy)

C. MOREHEAD,
Principal, Grant Medical College.

No. 2 OF 1854.

Grant Medical College, Bombay, 21st January 1854.

SIR,

I have the honour to acknowledge the receipt of your letter of yesterday's date, conveying to me the desire of your brother officers and yourself to present Prizes of Books to the two best 2nd Year Student-Apprentices at the close of the present College Session, and to acquaint you that it will afford me much pleasure to give effect to your wishes.

The books selected by the Medical Warrant Officers at the Presidency are in every respect suitable, and it cannot but be gratifying, and of much advantage to these young men, to be made thus sensible of the interest which their seniors take in their progress, and of the very liberal sentiments by which they are actuated.

I have the honour to be, Sir,
Your most obedient Servant,

(Signed) C. MOREHEAD,
Principal, Grant Medical College.

To Mr. T. BLANEY,
Apothecary, E. G. Hospital.

(True copy)
C. MOREHEAD,
Principal, Grant Medical College.

I.

Result of Examination of 1st Year Student-Apprentices. Session 1853-54.

Nos.	Names.	Anatomy.	Chemistry.	Materia Medica.	Total.*	Remarks.
1	J. Kinloch	2	1	1	4	
2	J. Silvester	1	2	3	6	
3	Dhunjeebhoy Cowasjee	4	2	3	9	
4	Pandoo Chawan	3	5	2	10	
5	J. M. O'Brian	6	3	5	14	
6	W. Wilson	5	4	6	15	
7	Ellapah Lingoo	5	6	6	17	
8	J. Neil	4	9	5	18	
9	R. L. McLean	3	8	7	18	
10	J. H. Bedford	4	9	7	20	
11	A. Collins	4	10	8	22	
12	W. Duggan	7	11	9	27	
13	G. Lloyd	8	12	8	28	
14	E. McGeoch	Absent, sick.	7	4	11	Not classed.

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

II.

Result of Examination of 2nd Year Student-Apprentices. Session 1853-54.

Nos.	Names.	Anatomy.	Physiology.	Medicine.	Surgery.	Total.*	Remarks.
1	S. Cavanagh	1	1	1	1	4	
2	H. Washington	1	1	1	1	4	
3	F. Pinto	4	4	2	2	12	
4	C. Stephens	3	3	3	3	12	
5	D. Oneil	5	5	4	4	18	

* The lowest number marks the greatest merit.

C. Morehead, Principal, Grant Medical College.

APPENDIX W.

DONATIONS TO THE MUSEUM.

From the Jamsetjee Jejeebhoy Hospital.

1. Scirrhus of æsophagus.
2. Exfoliation from the parietal bones.
3. Three small fibrous tumours, removed from the lobes of the ears of a boy.
4. Calculus extracted from the urethra of a child.
5. Necrosis of the palate bone.
6. Bones of the elbow joint, removed by amputation after unsuccessful resection.
7. Vesico-uterine fistula, caused by ulceration.
8. Pendulous fibro-cellular tumour, removed by incision from the labium of a female.
9. Bladder and kidneys of a patient, showing extensive ulceration of the mucous membrane of the bladder. A phosphatic calculus was extracted by incision, apparently from the prostate gland, but he died a few days afterwards, being in a very reduced state before admission.

   The left kidney is enlarged and granular, the right atrophied.
10. Bones of a boy of 12 years old.
11. Antero-posterior curvature of the spine, from caries of the vertebræ.
12. Bones of a girl of 4 years.
13. Hyperostosis of bodies of vertebræ.
14. Caries of elbow-joint, removed from a patient who died of phthisis.

15. Disease of heart : thickening of aortic and mitral valves, with hypertrophy of left ventricle.
16. Left kidney of a patient who died of phthisis, containing numerous calculi.

From the Obstetric Institution.

17. Child at full period.
18. Fœtus with placenta.
19. Child at full period.

From Dr. Bowie, Hydrabad.

20. Disease of testicle.
21. Caries of the bones of the foot, with bony anchylosis of ankle-joint.
22. Hyperostosis of femur, from chronic inflammation.
23. Rupture of the spleen.
24. Lung, showing the results of pleurisy and pneumonia.
25. Diseased kidney.
26. Hypertrophy and gangrene of spleen.
27. Caries of the skull.
28. Necrosis of tibia.

From Dr. Kellie, H. M.'s 86th Regiment.

29. Aneurism of aorta, constricting the œsophagus, and bursting into the abdomen.
30. Malignant disease of the testicle, removed by operation.

From Dr. Arnott, Aden.

31. Necrosis of parietal bone, from the head of a Somali boy whose scalp was lacerated by a tiger.

From Dr. Mead, European General Hospital.

32. Bony deposit between the layers of the falx cerebri.

From Dr. Pitman, Tanna.

33. Ununited fracture of radius and ulna.

From Dr. Lawes.

34. Specimens of calculi removed by operation. Forwarded by the Medical Board.

From Dr. Thom, 1st Fusiliers.

35. Aneurism of aorta, bursting into trachea.
36. Disease of liver: fatty degeneration.

From Dr. Impey.

37. Two calculi (one encysted) removed by operation. From Medical Board.

From Dr. Haines.

38. Aneurism of aorta, bursting into left bronchus.

From Dr. Peele.

39. Tibia of an ostrich.

From Dr. Campbell, Lunatic Asylum.

40. Specimen of horse-shoe kidney.

From Dr. Crawford.

41. Lizard from Burmah.

From Mr. Conway, Assistant Apothecary.

42. Comminuted fracture of tibia.
43. Malignant disease of stomach.
44. Atheromatous degeneration and dilatation of aorta.

From V. DeSouza, Student-Apprentice.

45. Three skeletons of small birds.

From J. Sinclair, Student-Apprentice.

46. Three small fishes.

From D. O'Neil, Student-Apprentice.

47. Specimens of small snakes.

G. R. BALLINGALL,
Curator.

APPENDIX X.

GRANT MEDICAL COLLEGE.

Notification.

The Willoughby Medical Prize, of Rs. 300, to be awarded in the first week of April 1854, to that Graduate of the Grant College who presents the best Report of Medical and Surgical Practice.

The Report is to be drawn up exclusively from Cases of Medical and Surgical Disease treated by the author, subsequent to the date of his graduation. It should be in every respect practical. The statement of the phenomena of the cases of disease treated of in the Report must be clear and succinct, must embrace a concise inquiry into the causes, and the best means of prevention, and offer an explanation of the indications observed in the treatment, the means by which it was attempted to fulfil these, and the success with which they were attended.

It is desirable that the Reports should not be in the handwriting of the authors. They are to be transmitted to the Secretary to the Board of Education, so as to reach his office on or before the 15th of March 1854.

Each Report is to be accompanied by a sealed note, containing the name of the author, and superscribed with a Motto similar to one affixed to the Report.

The Prize will be awarded in accordance with the decision of a Committee, to consist of the Government Examiner, the Secretary to the Board of Education, the Principal of the Grant College, and the Professors of Medicine and Surgery. In the event of an equality of votes, the decision will rest with the Government Examiner.

By order of the Board of Education,

M. Stovell,

Board of Education, 25th October 1853. Secretary.

APPENDIX Y.

PROCEEDINGS OF THE GRANT COLLEGE MEDICAL SOCIETY DURING THE SESSION 1853-54.

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 9th July 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles ..... *President.*
Mr. Bhawoo Dajee ..... *Vice-President.*

Members.

Dr. C. Morehead; Messrs. Atmaram Pandoorang; Merwanjee Sorahjee; Narayan Dajee; Dossabhoy Bazunjee; and S. A. de Carvalho, *Secretary.*

The proceedings of the last meeting were read and confirmed.

The following letters were read, and the accompanying donation laid before the Society:—

1. From the Secretary to the Medical Board, Bombay, presenting to the Society a copy of an "Investigation of the Dust-storms and Whirlwinds of India. By Surgeon P. F. H. Baddeley, of the Bengal Medical Service."

2. From the Principal of the Grant Medical College, presenting a copy of the "Report of the Grant Medical College, for the Session 1852-53."

3. A copy of the "Medical Topography and Statistics of the Nizam's Station and Army. By Superintending Surgeon R. Riddell, of the Nizam's Army."

4. From the Secretary of the Grant College Medical Society to the Secretary to the Medical Board, to the Principal of the

Grant Medical College, and to Mr. Riddell, returning the best thanks of the Society for their donations.

It was then proposed by Dr. Coles, and seconded by the Secretary, that in accordance with the 3rd paragraph of the Regulations, Mr. Rustomjee Byramjee and Ardaseer Jamsetjee be nominated candidates for admission to the Society; after which, Dr. Coles read a paper "On the Choice of Means to be employed in Tedious and Difficult Labours." He commenced by detailing a case of tedious labour that had lately occurred in the Obstetric Ward of the Jamsetjee Jejeebhoy Hospital, in which ergot of rye was made use of. It appeared that the female was in labour with her first child, that the difficulty arose from want of uterine action in the second stage of the process, that the presentation was natural, and that the solid and soft parts were in a favourable condition. A dose of ergot was given, and repeated in an hour and a half, when, after an interval of ten minutes, a dead full grown male fœtus was expelled.

Dr. Coles alluded to the causes of delay in the second stage of labour, to the clear definition given of them by Dr. Murphy in his published lectures under the terms "arrest" and "impaction," and to ill consequences by exhaustion or inflammation, "likely to result should no assistance be afforded." The available means were then enumerated, consisting in slight cases of time and patience; in other instances of a moderate dose of opium, and under urgent circumstances of the use of ergot of rye, or of electricity or instruments.

These three last modes of bringing about uterine action were then examined, and the different writers upon midwifery quoted with respect to their selection. A preference was expressed to the use of electricity, as occasioning no injury or danger to the life of the child; and it was stated, upon the authority of the Dublin Lying-in Hospital Reports, that in the majority of cases where ergot was given, unless born very speedily, the child invariably perished. With regard to electricity in midwifery, it was mentioned that the results of its employment in the second stage of labour varied in the hands of different practitioners; but most of them agreed as to its value in bringing about uterine

contractions in hæmorrhage after the birth of the child, or after the expulsion of the placenta.

A somewhat minute account of the use of ergot of rye during the *second stage* of labour was then gone into, embracing the following heads :—

1*st*.—As to its acknowledged oxyototic power, and the period when its action begins.

2*nd*.—As to its influence upon the pulse of the mother, and upon the circulation of the child.

3*rd*.—As to its subsequent effects upon the *uterus*, or upon the discharges.

4*th*.—As to the conditions necessary for its safe employment, and the particular cases in which it should be given.

5*th*.—As to the *mode* and form of its exhibition, and particularly as to the quality of the drug.

Attention was then directed to the necessity of employing the stethoscope in all cases in which ergot was given, and of very carefully attending to its indications. This point was dwelt upon as of the last importance, to enable a proper selection to be made of the means to be had recourse to.

The paper concluded by bringing forward the circumstances under which instruments would be more particularly required in the cases under consideration.

After a short discussion, it was announced by the President that a paper on "Dietetics" would be read by Mr. Bhawoo Dajee at the next meeting, to be held on Saturday the 15th August.

Proposed by Dr. Morehead, and seconded by the Secretary, that the best thanks of the Society be acceded to Dr. Coles for his interesting communication.

(Signed) W. C. Coles, M.D., *President*.
" S. A. de Carvalho, *Secretary*.

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 15th August 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles ..... *President.*
Mr. Bhawoo Dajee ..... *Vice-President.*

Members.

Dr. C. Morehead; Messrs. Atmaram Pandoorang; Narayan Dajee; Dossabhoy Bazunjee; and S. A. de Carvalho, *Secretary.*

Visitor.

Mr. Ardaseer Jamsetjee.

The proceedings of the last meeting were read and confirmed.

A letter was read from the Acting Secretary to the Madras Council of the Medical College, acknowledging with thanks the receipt of five copies of the proceedings of the Society.

Dr. Coles then proposed the admission of Messrs. Rustomjee Byramjee and Ardaseer Jamsetjee as Members of the Society; and the proposition was, without ballot, unanimously carried.

A paper was next read by Mr. Bhawoo Dajee on the "Diet of the Natives of Western India," in which a description of the nature of the food employed by the different Indian tribes was given, with the quantities of the different articles consumed, their modification by age and sex, and the hours of meals.

After its conclusion, and a short discussion upon the subject of the paper, it was proposed by Dr. Morehead, and seconded by Mr. Bhawoo Dajee, that Members of the Society, in charge of public or private Dispensaries, be requested to forward to the Secretary, as soon after the 1st of each month as possible, (so as to reach Bombay before the 10th,) a return of the sick attending the Dispensary, with full remarks, such as are likely to prove interesting and worthy of record.

The Secretary then read a communication from Mr. Muncherjee Sorabjee, describing the removal of a fatty tumour, weighing 2 lbs., situated near the base of the right axilla, from a Hindoo about 30 years of age.

The best thanks of the Society were accorded to Messrs. Bhawoo Dajee and Muncherjee Sorabjee for their communications, and the meeting was adjourned to Saturday the 10th September,

when a continuation of the paper on dietetics by Mr. Bhawoo Dajee was announced.

(Signed) W. C. Coles, M.D., *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 10th September 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles ..... *President.*
Dr. H. Giraud..... *Vice-President.*

Members.

Drs. Morehead and Ballingall; Messrs. Atmaram Pandoorang; Narayan Dajee; Dossabhoy Bazunjee; Rustomjee Byramjee; Ardaseer Jamsetjee; and S. A. de Carvalho, *Secretary.*

Visitor.

Dr. T. M. Lownds.

The proceedings of the last meeting were read and confirmed.

Letters read:—

1. From the Secretary to the Council of Education, Calcutta, acknowledging with thanks the receipt of five copies of the proceedings of the Society.

2. From Messrs. Sub-Assistant Surgeons Rustomjee Byramjee and Balkristna Chintoba, acknowledging the receipt of a copy of the proposition passed at the last meeting of the Society, and forwarding, for the use of the Society, each a copy of the monthly return of the sick attending the Bandora and Poona Dispensaries, in their charge.

The paper on dietetics by Mr. Bhawoo Dajee, owing to his unavoidable absence from indisposition, was postponed to a future meeting.

At the suggestion of Dr. Morehead, the Secretary then read

the remarks appended to the returns of the Bandora and Poona Dispensaries, in which an abstract of the patients attending the Dispensary, the prevalent diseases, the interesting cases that presented themselves, and the course of treatment adopted, are given.

Mr. Ardaseer Jamsetjee then read —

1. "Notes on a case of partial Hypertrophy of the Scrotum, studded with a peculiar Eruption."

The case was interesting from the lengthened period of 18 years during which the hypertrophy existed, without increase of size. This Mr. Ardaseer was disposed to attribute to the presence of the eruption, by which a quantity of milky fluid oozed out, which separated, on standing, into a coagulum and a liquid portion, the latter containing fat globules. There were periods in which the discharge increased in quantity, amounting sometimes to 10 oz., without any constitutional disturbance, and these (periods) Mr. Ardaseer thought to be analogous to those of exacerbation in ordinary cases, in which the hypertrophied scrotum increases in size, showing the beneficial process nature adopted in the case related, to get rid of the fibrinous and fatty elements, which in ordinary cases is deposited in the interstices of the tissue of the scrotum.

2. A "Case of Diabetes," occurring in a Parsee, was next related, in which the symptoms of the disease were well marked, but the treatment adopted was without avail. The patient was recommended for admission into the Jamsetjee Jejeebhoy Hospital, where he is at present.

3. A "Case of Poisoning by Gamboge," occurring in a Parsee female aged 19, was detailed. About 3 drs. of the drug were taken for a suicidal purpose, and symptoms of irritant poison, followed by collapse, were thereby brought on; but the patient recovered under the use of stimulants.

After a short discussion, the thanks of the Society were accorded to Mr. Ardaseer Jamsetjee for his interesting cases, and it was announced by the President, that the following communication would be presented to the Society by Mr. Dossabhoy

Bazunjee :—"Notes on a Case of Abortion, with Retention of Placenta," and one followed by tetanus.

The meeting was then adjourned to Saturday the 8th October 1853.

(Signed) W. C. Colls, *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 8th October 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles ..... *President.*
Dr. H. Giraud..... *Vice-President.*

Members.

Dr. C. Morehead; Messrs. J. C. Lisboa; Atmaram Pandoorang; P. F. Gomes; Narayan Dajee; Dossabhoy Bazunjee; Rustomjee Byramjee; Ardaseer Jamsetjee; and S. A. de Carvalho, *Secretary.*

Visitor.

H. J. Carter, Esq.

The proceedings of the last meeting were read and confirmed.

The following Donation, received through Dr. Morehead, was laid before the Society, viz. "A Lecture on Anatomy, in its relations to the Arts of Design. By G. Smith, M.D., Professor of Anatomy and Physiology, Madras Medical College." Presented by the Author.

The Secretary then brought before the Society the returns received from the Bandora and Poona Dispensaries, and of the Jamsetjee Jejeebhoy Hospital and Female Dispensary, and read the remarks appended to each.

The communication announced was then read by Mr. Dossabhoy Bazunjee.

1. A "Case of Abortion," occurring in a Parsee Female, aged 26 years, in her third month of pregnancy. The uterine pains commenced on the night of the 21th April, and the foetus was

expelled the next day. Four days after, rigidity of the jaws showed itself, which continuing for four days, occasional startings of the limb in the night were superadded. Twelve days after, menstruation appeared, and on the same day spasmodic contractions of the muscles of the back and lower extremities were observed, with rigidity of the muscles of the neck and abdomen. Three days after, slight amelioration in the tetanic symptoms was noted, and which continued steady and gradual, and the case finally terminated in recovery.

The treatment consisted in the free administration of quinine and extract of hemp, and a good and nourishing diet.

2. The next case related was also one of miscarriage in the fifth month, occurring also in a Parsee female, aged 40 years.

The interest the case presented was the retention of the placenta with the umbilical cord in the uterus for forty-eight hours after the expulsion of the fœtus. No hæmorrhage attended its discharge, and no untoward event marked the issue of the case.

After some discussion upon the interesting points the above cases presented, the Secretary read a communication from Mr. Sub-Assistant Surgeon Ananta Chundroba, giving an "Outline of the Topography of Sardarpore," describing the nature of the country, its seasons, and prevailing winds, and the character of the diseases prevalent in each season and month, dwelling chiefly upon the malarious fevers there prevalent, their causes and treatment; and the paper terminated with an account of the Malwa Bheel Corps.

After its conclusion, the best thanks of the Society were accorded to the authors of the communications read, and the meeting was adjourned to Saturday the 12th November 1853.

(Signed) W. C. Coles, *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 12th November 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles..... *President.*
Mr. Bhawoo Dajee..... *Vice-President.*

Members.

Messrs. J. C. Lisboa; Atmaram Pandoorang; Narayan Dajee; Dossabhoy Bazunjee; and S. A. de Carvalho, *Secretary.*

The proceedings of the last meeting were read and confirmed.

The Secretary brought before the Society the returns received from the several dispensaries, and read the remarks detailed, and the interesting cases which they presented.

Dr. Coles then laid upon the table different specimens of midwifery forceps, and made some observations upon their history, original construction, and the modifications they had undergone up to their present most approved shapes and forms, remarking upon the propriety and otherwise of their applicability, and the circumstances under which their use may be rendered necessary.

After a short discussion, the meeting was adjourned to Saturday the 10th December 1853.

(Signed) W. C. Coles, *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 10th December 1853, at 8 o'clock P. M.

Present—

Dr. W. C. Coles..... *President.*

Members.

Dr. C. Morehead; Messrs. J. C. Lisboa; Atmaram Pandoorung; Ardaseer Jamsetjee; and S. A. de Carvalho, *Secretary.*

The proceedings of the last meeting were read and confirmed.

The several dispensary returns that had been received were submitted, and the remarks appended to them read.

A letter was then read from the Secretary to the Medical Board, Bombay, forwarding copy of a "Return of Persons Vaccinated throughout the Bombay Presidency for the Year 1852-53," and directing the attention of the Society to the want

of appreciation of the benefits of vaccination by the community, at the same time requesting the Society's co-operation.

After the report had been read, and the several points therein referred to were discussed, Dr. Morehead suggested the formation of a committee to inquire into and report upon the subject of vaccination, with reference to its present state in the community, the causes of its non-appreciation, and the best means to secure its extension; and it was accordingly resolved that the following gentlemen be requested to become members of the committee, viz :—Dr. Morehead; Messrs. Bhawoo Dajee; Atmaram Pandoorang; Dossabhoy Bazunjee; Ardaseer Jamsetjee; and S. A. de Carvalho.

The best thanks of the Society were recorded for the Medical Board's valuable donation, and it was proposed that the Medical Board be informed of the Society's willingness and readiness in forwarding their views, and the meeting was adjourned to Saturday the 14th January 1854.

(Signed) W. C. COLES, *President.*
,, S. A. DE CARVALHO, *Secretary.*

Minutes of the Annual Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 14th January 1854, at 8 o'clock P. M.

Present—

Dr. W. C. Coles ..... *President.*
Dr. Giraud ..... } *Vice-Presidents.*
Mr. Bhawoo Dajee ..... }

Members.

Dr. C. Morehead; R. Haines, Esq.; Messrs. J. C. Lisboa; Atmaram Pandoorang; P. F. Gomes; Narayan Dajee; Dossabhoy Bazunjee; and S. A. de Carvalho, *Secretary.*

Visitor.

J. H. Sylvester, Esq.

The proceedings of the last meeting were read and confirmed.

The annual accounts of the Society were laid before the meeting.

The following gentlemen were found duly elected Office-bearers for the ensuing year:—

Dr. H. Giraud ..... *President.*
Dr. W. C. Coles..... } *Vice-Presidents.*
Mr. Bhawoo Dajee..... }

Secretary.

Mr. S. A. de Carvalho.

Dr. Giraud, on taking the chair, expressed the gratification he derived at being elected President, and entertained the hope that the advancement and improvement of the Society as in former years would steadily increase, and which it would be his endeavour on all occasions to further.

Mr. Bhawoo Dajee then read a short address, showing the favourable condition in which Members of the Society are placed, and the good that it is in their power to effect, by availing themselves of the means at their disposal.

It was then proposed and unanimously carried, that the best thanks of the Society be accorded to Dr. Coles for his valuable services as President during the past year.

The following papers were announced to be read by Mr. Lisboa at the next meeting, viz:—

"Notes on Cases of Traumatic Gangrene, followed by Tetanus."

"Notes on a Case of Lithotomy."

(Signed) H. Giraud, *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 11th February 1854, at 8 o'clock P. M.

Present—

Dr. H. Giraud ..... *President.*
Dr. W. C. Coles..... *Vice-President.*

Members.

Messrs. J. C. Lisboa ; Atmaram Pandoorang ; P. F. Gomes ; Narayan Dajee ; Dossabhoy Bazunjee ; Burjorjee Dorabjee ; and S. A. de Carvalho, *Secretary*.

Visitor.

J. H. Sylvester, Esq.

The proceedings of the last meeting were read and confirmed.

Read :—1. A letter from Mr. Merwanjee Sorabjee, tendering his resignation as a Member of the Society.

2. Report from the Chairman of the Committee appointed by the Society to inquire into the best means of assisting in the extension of Vaccination in the island of Bombay, and the Resolutions passed at their meeting held on the 10th December, for transmission to the Medical Board.

The returns from the several Dispensaries were laid on the table, and the remarks appended to them were read.

The following donation was laid before the Society :—" Clinical Report on the Cases of Pneumonia treated in the Clinical Ward of the Jamsetjee Jejeebhoy Hospital. By Dr. C. Morehead." Presented by the Author.

Mr. Lisboa then read a paper entitled "Notes on Cases of Traumatic Gangrene, followed by Tetanus."

Seven cases of traumatic gangrene were related by him, in six of which amputation was had recourse to. Of these one proved successful, and the remaining five terminated fatally by tetanus. The seventh case also proved fatal by tetanus, amputation not having been performed.

Two cases of constitutional gangrene were next mentioned ; one, in which the operation had not been performed, terminated fatally by tetanus, and the other died of dysentery after operation.

Mr. Lisboa attempted by these cases to corroborate the statement of Mr. Peet as to the relation that would seem to exist between gangrene and tetanus, and to prove that gangrene may sometimes be one of the influential causes in exciting tetanus in this country. Mr. Lisboa then alluded to cases of puerperal tetanus, and expressed a strong suspicion that tetanus might

in these cases also depend on the presence of a sloughy and perhaps gangrenous surface—a diseased uterus after delivery; and he concluded by referring to cases of tetanus following contused and lacerated wounds, in which a similar condition was present, viz. a more or less sloughy surface.

After some discussion upon the interesting points alluded to in the paper, the best thanks of the Society were accorded to Mr. Lisboa for his interesting communication, and the meeting was adjourned to Saturday the 11th March 1854.

The next paper announced, "Notes on a Case of Lithotomy," was postponed to a future meeting.

(Signed) Bhawoo Dajee, *President.*
„ S. A. de Carvalho, *Secretary.*

Minutes of a Meeting of the Grant College Medical Society, held in the College Library, on Saturday the 11th March 1854, at 8 o'clock P.M.

Present—

Mr. Bhawoo Dajee *(in the Chair)* } *Vice-Presidents.*
Dr. W. C. Coles..... }

Members.

Messrs. J. Peet; J. C. Lisboa; Atmaram Pandoorang; Narayan Dajee; Dossabhoy Bazunjee; Rustomjee Byramjee; and S. A. de Carvalho, *Secretary.*

Letters read :—

1. From the Medical Board, thanking the Society for the Report of the Vaccination Committee.

2. From ditto, presenting to the Society copy of a "Report on the Civil Dispensaries in the Madras Presidency, for 1852."

The following donation from Mr. Peet was accepted with thanks by the Society, viz :—

1. "Report on National Education. By Mr. Wesban."

2. "Rules of the Royal Society of Van Dieman's Land."

3. "Report and Proceedings of the Royal Society of Van Dieman's Land."

4. "The Tasmanian Athenæum."

A general return from the Committee on the subject of Vaccination was laid on the table, and the remarks from the several Dispensary Returns were then read.

The communication announced was then read by the Secretary. It embraced the history of four cases of purulent diathesis that had come under his observation subsequent to the paper read by him in April last; with observations and remarks upon the nature of each, &c.

The causes, pathology, and treatment of the disease were chiefly alluded to, and in regard to the two former, viewing the affection as an instance of blood disease, a belief was expressed as to the probability of its being sometimes spontaneously generated from some unknown vitiated condition of the atmosphere, or some change in the constitution of the individual, or perhaps both, independent of phlebitis.

After a *short discussion, the* meeting was adjourned to Saturday the 8th April 1854, when it was announced that the following communication will be presented by Dr. Giraud, viz :—

" Notes on a Case of Poisoning by Opium and Arsenic."

(Signed) H. GIRAUD, *President.*
„ S. A. DE CARVALHO, *Secretary.*

Proceedings of a Meeting of the Committee of the " Grant College Medical Society" appointed to inquire into the subject of Vaccination, held in the College Library, on Friday the 10th December 1853, at 4 P. M.

Present—

Dr. C. Morehead; Messrs. Atmaram Pandoorang; J. C. Lisboa; P. F. Gomes; Ardaseer Jamsetjee; and S. A. de Carvalho, *Secretary.*

The following Report by the Chairman was read and approved :—

Report of the Committee appointed by the Grant College Medical Society on the 10th December to inquire into the best Means

of assisting in the Extension of Vaccination in the Island of Bombay.

Members.

Dr. Morehead.	Mr. Ardaseer Jamsetjee.
Mr. Bhow Dajee.	Mr. Dossabhoy Bazunjee.
Mr. Atmaram Pandoorang.	Mr. S. A. de Carvalho.

The Committee appointed to inquire into the means by which the Grant College Medical Society may best co-operate with the Medical Board in extending Vaccination in the island of Bombay, came to the conclusion that the only manner in which this assistance can be effectually rendered, is by increasing the number of Vaccinating Stations in the island, and by endeavouring to extend the knowledge of the advantages and objects of the practice.

With the view of making arrangements for carrying out these views, the Committee requested the attendance, at one of their meetings, of the Graduates of the Grant College, now practising in Bombay, as well as that of Assistant Professor Dadabhoy Nowrojee, and other intelligent Teachers of the Elphinstone Institution.

All the Graduates expressed their willingness and readiness to take charge of Vaccinating Stations, and to use their best exertions in the cause. Dr. Brenner, also, and Dr. Yuill, as officers of the Native Dispensary, kindly promised their assistance.

It was in consequence determined to establish the following Stations in addition to the Government Office :—

Vaccination is practised gratuitously at the following Stations in Bombay :—

Stations.	Days.	Hours.	By
Jamsetjee Jejeebhoy Hospital	Thursday.	8 A.M.	Medical Officers of the Hospital.
Nagdevi Charitable Dispensary, Nagdevi Road	Monday.	8 A.M.	Mr. Bhawoo Dajee.
Mr. Bhawoo Dajee's Fort Dispensary	Monday.	8 A.M.	Mr. Narayan Dajee.
Fort Gratuitous Dispensary..	Tuesday.	1 P.M.	Mr. Burjorjee Dorabjee.
Bombay Native Dispensary, Esplanade, Picket	Friday.	11 A.M.	Dr. Bremner.
Bombay Native Dispensary, Branch Colaba	Saturday.	10 A.M.	Dr. Yuill.
Matharpacady	Monday.	11 A.M.	Mr. S. A. de Carvalho.
Mazagon, at Mr. Ardaseer Jamsetjee's Dispensary ..	Tuesday.	11 A.M.	Mr. S. A. de Carvalho.
Erskine Road	Tuesday.	11 A.M.	Mr. Atmaram Pandurang.
Cande Waddy, at Mr. Atmaram Pandurang's Residence ..	Monday.	11 A.M.	Mr. Atmaram Pandurang.
Boleshwar, at Mr. Bhawoo Dajee's Residence, near the Great Portuguese Church	Tuesday.	11 A.M.	Mr. Narayan Dajee.
Cavel, Kalbadevi, near the Portuguese Charity School ..	Monday.	11 A.M.	Mr. J. C. Lisboa.
Mandevi Nundoo Mooljee's Wakhar, at Khand Bazaar ..	Tuesday.	8 A.M.	Mr. Bhawoo Dajee.
Surkari Wakhar, at Bhulat Bazaar..	Monday.	8 A.M.	Mr. Ardaseer Jamsetjee.
Chunden Waddy, near Hormusjee Wadia's Autush Byram.	Monday.	2 P.M.	Mr. Dossabhoy Bazunjee.
Colaba, opposite to the new Church	Tuesday.	11 A.M.	Mr. P. F. Gomes.
Bandora Charitable Dispensary	Monday.	11 A.M.	Mr. Rustomjee Byramjee.
Mahim	Tuesday.	11 A.M.	Mr. Rustomjee Byramjee.

With the view of familiarising the Native community with the advantages of Vaccination, the short memorandum which accompanies this was drawn up: 1,500 copies of the English, and 10,000 of the Mahratta and Guzerattee versions have been printed, and to some extent distributed.

In order to defray the cost of printing, and the other charges incidental to the measures entered upon and contemplated, an endeavour is being made to raise a small fund by subscription.

Immediately on the completion of these preliminary arrangements, the Superintendents of the several Stations entered upon their duties, and adopted measures for the introduction of Vaccination.

They have since met weekly at the Grant College, with the object of comparing their proceedings, deliberating, and devising means of overcoming the difficulties they have experienced.

During the month that has elapsed since these plans were entered upon, Vaccination has been partially introduced at the Jamsetjee Jejeebhoy Hospital, the Nagdevi Charitable Dispensary, Mr. Bhawoo Dajee's Fort Dispensary, the Fort Gratuitous Dispensary, Matharpacady, Cande Waddy, Cavel, and at Colaba.

In all about 70 children have been vaccinated.

The difficulties which have been experienced consist in the inadequate supply of children in the first instance from the Government Vaccination Office, and in the unwillingness on the part of those whose children have been vaccinated to bring them for inspection, and to allow lymph to be taken for the Vaccination of others.

The latter difficulty has been felt at all the Stations.

The removal of this and other matters of detail at present engage the earnest attention of the Committee.

It is the intention of the Committee to meet on the first Friday of every month, to prepare a return (according to form No. 52 B, No. 2 of the late Government Regulations) of the Vaccinations at the several Stations during the preceding month, and to draw up a report of the proceedings during the month, to be submitted to the Society at their ensuing monthly meeting.

By a steady perseverance in this course, it is hoped that

Vaccination will become gradually established at the several stations, and that experience will suggest the means of overcoming the difficulties which are at present felt.

(Signed) C. MOREHEAD,
Chairman of the Committee.

The following Resolutions were then passed :—

I. RESOLVED—That each Superintendent of Vaccination Station be requested to keep a register according to a fixed form of his Vaccinations, and to transmit to the Secretary of the Committee before the first Friday of each month a return of the Vaccinations at his Station during the preceding month, with a memorandum of his proceedings, and any remarks and suggestions he may wish to offer. (Copies of the Return will be supplied to each Station.)

II. That the Committee meet at 4 P. M. at the Grant College on the first Friday of each month, to consider the Vaccination Returns and Reports, to draw up a General Return, and Report, to be transmitted to the Secretary of the Society before the monthly meeting.

III. That the Committee meet at such other times, also, as may be necessary, for the transaction of business.

IV. That the subscriptions be realized, and an account opened with the Bank of Bombay, under the tittle "Grant College Medical Society Vaccination Fund,"—cheques payable on the signatures of the Chairman and Secretary.

V. That a copy of these resolutions be also transmitted to the Society with the Report.

The meeting was adjourned to Friday the 3rd March 1854, at 4 o'clock P. M.

(Signed) C. MOREHEAD, *Chairman.*
„ S. A. DE CARVALHO, *Secretary.*

Minutes of a Meeting of the Committee of the Grant College Medical Society, appointed to inquire into the subject of Vaccination, held in the College Library, on Friday the 3rd March 1854, at 4 o'clock P. M.

Present—

Dr. Morehead..... .....*Chairman.*

Messrs. Bhow Dajee; Atmaram Pandoorung; Burjorjee Dorabjee; and S. A. De Carvalho, *Secretary.*

The proceedings of the last meeting were read and confirmed.

The Monthly Returns for January and February, received from the following Vaccination Stations, were laid on the table, viz :—

Nagdevi Charitable Dispensary; Fort Gratuitous Dispensary; Matharpacady; Caude Waddy; Kavel; Colaba; and Chundunwady; after reviewing which the meeting was adjourned to Friday the 8th April 1854.

Remarks on the Prevalence of Small-pox in Bombay, and its Prevention by an extended System of Vaccination; published and distributed by the Vaccination Committee.

For several years past a very careful account has been kept of the number of deaths which take place in Bombay, and of the diseases by which the mortality is caused. This proceeding has been adopted, in the expectation that the facts which it brings to light may lead to the introduction of measures calculated to lessen the amount of disease and mortality.

From the information which has thus been collected, it appears that in the course of five years (from 1848 to 1852) 4,038 persons have died from Small-pox, and that of these 3,203 were children under seven years of age.

The same record informs us of the total number of children under seven years of age who have died during this period, and shows that in one-fourth of the number death was caused by Small-pox.

It is estimated, that of every four persons attacked with Small-pox, one dies. Thus, to give 4,038 deaths from Small-pox, there must have been 16,162 persons affected with the disease. It is of importance to note this, for Small-pox is not only a very serious disease, from the deaths which it occasions, but also because there is much injury done to a large proportion of those to whom it does not prove fatal.

Small-pox, then, is a very formidable disease in Bombay. In seasons in which it prevails, nearly 100 of every 1,000 deaths are caused by it, and of every 1,000 deaths in children under seven years of age, 241 are from Small-pox. In those who recover from the immediate effects of the disease, a large proportion remain permanently disfigured, or are otherwise injured in health.

It must be of very great importance to inquire and to determine whether by any practicable means these great evils may be lessened, and if they can, to leave no effort untried by which so great an end may be gained.

About sixty years ago, in all the countries of Europe, Small-pox prevailed to the same extent which it now does in Bombay, and caused very nearly the same amount of mortality. About fifty years ago it was observed that the cows in some parts of England were sometimes affected with an eruption on their udders, to which the names Cow-pox or Vaccinia were given. This disease was occasionally accidentally communicated to the hands of the milkers, and those to whom this happened were found in general to be safe from the infection of Small-pox.

The communication of Cow-pox is easily effected, by inserting a small portion of the matter of the eruption under the skin. This proceeding is called Vaccination.

In the countries in Europe in which the practice of Vaccination has been effectually carried out, not more than from 2 to 8 in every 1,000 deaths are from Small-pox, instead of nearly 100, which was the proportion in those countries before Vaccination was introduced, and which is now the proportion in Bombay.

There can be no doubt that if every inhabitant in Bombay who has not had Small-pox, or been vaccinated, were now to submit to the process of Vaccination, and if in future every child born were to be vaccinated within three months of its birth, that the same striking results would be obtained ; Small-pox would disappear after a time, and a great saving of life would be the consequence.

In order that no practicable means of effecting this great good

may be left unattempted, the Graduates of the Grant Medical College who are now resident in Bombay have resolved to practice gratuitous Vaccination at the stations on the days and hours entered in the accompanying list (page 93). They solicit the earnest co-operation of the intelligent and charitable among their countrymen, in explaining to those around them less favoured by circumstances and education the facts stated in this paper, and the great benefits which it is now sought to confer upon them and upon their children.

In order, however, that the advantages of Vaccination may be truly secured to a community, it is necessary that certain important conditions should be carefully attended to :—

1*st*.—The vesicle resulting from the insertion of the vaccine matter must pass through a certain definite course, in order to give protection from Small-pox.

It is therefore absolutely necessary that every person vaccinated should be seen by the Vaccinator on the eighth day after the operation. Unless this precaution be strictly attended to, there can be no certainty that the advantages of Vaccination have been really secured.

2*nd*.—The greatest care should be taken that the vesicle, during its course, is protected from rubbing or other injury.

3*rd*.—Children should be vaccinated, when practicable, within three months after birth, for it appears that 148 children under the age of 7 months have died in Bombay in five years.

Lastly, it should be carefully explained, that Vaccination is unattended with any danger, and, beyond the slight puncture for the insertion of the matter, causes little inconvenience or discomfort to the child.

It should also be well understood, that though persons who have been successfully vaccinated are generally safe from attacks of Small-pox, yet they sometimes become affected with the disease.

When, however, persons who have been successfully vaccinated become thus affected, Small-pox in them is, with rare exceptions, a mild disease, seldom proving fatal, or causing disfigurement or injury.

APPENDIX Z.

Dr. *Sir Jamsetjee Jejeebhoy's Medical Prize Fund.* *Cr.*

1853.		Rs.	a.	p.	Rs.	a.	p.	1852.		Rs.	a.	p.	days	Rs.	a.	p.
Apr. 30th	To Balance.....	5,721	0	9	272	6	11	May 1st	By Balance.....	5,448	9	10	365	272	6	11
								1853.								
								Apr. 30th	Add Interest at 5 per cent. per annum..	272	6	11				
	Rupees	5,721	0	9	272	6	11		Rupees	5,721	0	9		272	6	11

Dr. *Sir Jamsetjee Jejeebhoy's Medical Book Fund.* *Cr.*

1853.		Rs.	a.	p.	Rs.	a.	p.	1852.		Rs.	a.	p.	days	Rs.	a.	p.
Apr. 30th	To Balance.....	11,317	13	9	634	2	11	May 1st	By Balance.....	10,683	10	10	365	634	2	11
								1853.								
								Apr. 30th	Add Interest at 5 per cent. per annum..	634	2	11				
	Rupees	11,317	13	9	634	2	11		Rupees	11,317	13	9		634	2	11

Dr. *Carnac Scholarship.* *Cr.*

1852.		Rs.	a.	p.	days	Rs.	a.	p.
May 4th	To Cash paid C. Morehead, Esq., Superintendent Grant Medical College, on this account	27	8	0	362	1	10	2
July 2nd	Ditto	137	8	0	303	6	13	7
Aug. 2nd	Ditto	55	0	0	272	2	7	4
Sept. 1st	Ditto	55	0	0	242	2	3	0
Oct. 1st	Ditto	55	0	0	212	1	14	8
Nov. 2nd	Ditto	55	0	0	180	1	10	1
Dec. 1st	Ditto	55	0	0	151	1	5	10
1853.								
Jan. 4th	Ditto	55	0	0	117	1	0	11
Feb. 1st	Ditto	55	0	0	89	0	12	10
Mar. 1st	Ditto	55	0	0	61	0	8	10
April 1st	Ditto	55	0	0	30	0	4	4
		660	0	0		20	11	7
„ 30th	To Balance	11,516	3	6	I. B.	669	10	8
	Rupees	12,176	3	6		690	6	3

1852.		Rs.	a.	p.	days	Rs.	a.	p.
May 1st	By Balance.....	11,506	8	10	365	690	6	3
1853.								
Apr. 30th	By Difference.....	669	10	8				
	Rupees	12,176	3	6		690	6	3

Dr. *Farish Scholarship.* *Cr.*

1852.		Rs.	a.	p	days	Rs.	a.	p.
May 4th	To Cash paid C. Morehead, Esq., Superintendent Grant Medical College	25	0	0	362	1	7	9
July 2nd	Ditto	25	0	0	303	1	3	11
Aug. 2nd	Ditto	10	0	0	272	0	7	1
Sept. 1st	Ditto	10	0	0	242	0	6	4
Oct. 1st	Ditto	10	0	0	212	0	5	7
Nov. 2nd	Ditto	10	0	0	180	0	4	3
Dec. 1st	Ditto	10	0	0	151	0	4	0
1853.								
Jan. 4th	Ditto	10	0	0	117	0	3	0
Feb. 1st	Ditto	10	0	0	89	0	2	4
Mar. 1st	Ditto	10	0	0	61	0	1	7
April 1st	Ditto	10	0	0	30	0	0	10
		140	0	0		4	15	1
,, 30th	To Balance	13,217	6	4	I. B.	751	6	8
	Rupees	13,357	6	4		756	5	9

1852.		Rs.	a.	p.	days	Rs.	a.	p.
May 1st	By Balance	12,605	15	8	365	756	5	9
1853.								
Apr. 30th	By Difference of Interest at 6 per cent. per annum	751	6	8				
	Rupees	13,357	6	4		756	5	9

Dr. *Anderson Scholarship.* *Cr.*

1852.		Rs.	a.	p.	days	Rs.	a.	p.	1852.		Rs.	a.	p.	days	Rs.	a.	p.
May 4th	To Cash paid C. Morehead, Esq., Superintendent Grant Medical College, on this account	30	0	0	362	1	12	7	May 1st	By Balance	12,992	11	1	365	779	9	0
July 2nd	Ditto	162	8	0	303	8	1	6	1853.								
Aug. 2nd	Ditto	65	0	0	272	2	14	6	Apr. 30th	By Difference of Interest at 6 per cent. per annum	755	3	7				
Sept. 1st	Ditto	65	0	0	242	2	9	4									
Oct. 1st	Ditto	65	0	0	212	2	4	3									
Nov. 2nd	Ditto	65	0	0	180	1	14	9									
Dec. 1st	Ditto	65	0	0	151	1	9	10									
1853.																	
Jan. 4th	Ditto	65	0	0	117	1	4	0									
Feb. 1st	Ditto	65	0	0	89	0	15	2									
Mar. 1st	Ditto	65	0	0	61	0	10	5									
April 1st	Ditto	65	0	0	30	0	5	1									
		777	8	0		24	5	5									
,, 30th	To Balance	12,970	6	8	I. B.	755	3	7									
	Rupees	13,747	14	8		779	9	0		Rupees	13,747	14	8		779	9	0

Dr. *Reid Scholarship.* *Cr.*

1852.		Rs.	a.	p.	days	Rs.	a.	p.	1852.		Rs.	a.	p.	days	Rs.	a.	p.
July 2nd	To Cash paid C. Morehead, Esq., Superintendent Grant Medical College, on this account	50	0	0	303	2	1	2	May 1st	By Balance	8,757	0	8	365	437	13	7
									1853.								
Aug. 2nd	Ditto	20	0	0	272	0	11	11	Apr. 30th	By Difference of Interest at 5 per cent. per annum	432	1	3				
Sept. 1st	Ditto	20	0	0	242	0	10	7									
Oct. 1st	Ditto	20	0	0	212	0	9	3									
Nov. 2nd	Ditto	20	0	0	186	0	7	11									
Dec. 1st	Ditto	20	0	0	151	0	6	7									
1853.																	
Jan. 4th	Ditto	20	0	0	117	0	5	1									
Feb. 1st	Ditto	20	0	0	89	0	3	11									
Mar. 1st	Ditto	20	0	0	61	0	2	8									
April 1st	Ditto	20	0	0	30	0	1	3									
		230	0	0		5	12	4									
„ 30th	To Balance	8,959	1	11	I. B.	432	1	3									
	Rupees	9,189	1	11		437	13	7		Rupees	9,189	1	11		437	13	7

The Obstetric Institution Fund.

Dr. *Cr.*

1853.		*Rs.*	*a.*	*p.*		*Rs.*	*a.*	*p.*	1852.		*Rs.*	*a.*	*p.*	days	*Rs.*	*a.*	*p.*
Apr. 30th	To Balance.....	12,889	7	10	I. A.	201	9	10	Dec. 7th	By Cash received from C. Morehead, Esq., Secretary, on this account	12,687	14	0	145	201	9	10
									1853.								
									Apr. 30th	By Amount of Interest at 4 per cent. per annum	201	9	10				
	Rupees	12,889	7	10		201	9	10		Rupees	12,889	7	10		201	9	10

Bombay, Accountant General's Office, 7th February 1854.

(Errors excepted)

(Signed) E. E. ELLIOT, Accountant General.

(True copy)

(Signed) C. MOREHEAD, Principal.